October Chemical Allocations—Page 3

Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

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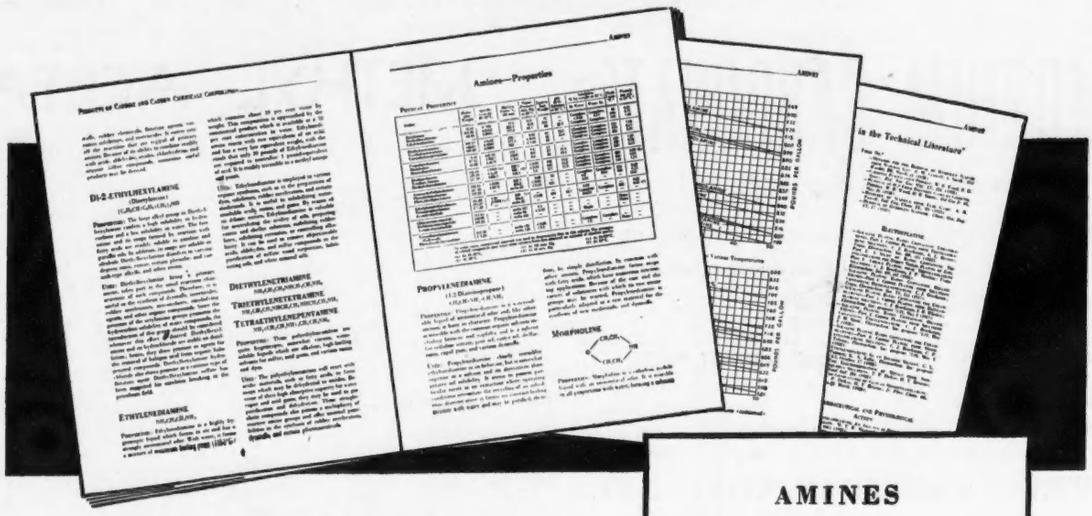

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WLB Directives Free From Judicial Rulings

Unless the Supreme Court of the United States should later reverse its present position, it appeared October 18 that the National War Labor Board enjoys complete freedom from judicial interference in the administration of its directives on wages and union contract terms.

Recent action by the Supreme Court and followed up last week by the United States District Court here indicate that the courts interpret the statute under which the War Labor Board has been set up as precluding any review of its directives by the judiciary.

This interpretation was first placed on the law by the United States Court of Appeals for the District of Columbia June 2 in a proceeding brought by the Employers Group of Motor Freight Carriers, Inc., against the Board. On appeal to the Supreme Court he petition for review was denied, and the decision of the lower court was permitted to stand.

On the basis of the Supreme Court's refusal to upset this interpretation, Federal Judge Matthew F. McGuire

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Grasselli Chemicals Sales Executives Appointed

The appointments of Clifford McIntire as assistant to the general manager of the Grasselli chemicals department and of T. H. McCormack as director of sales of the same department, have been announced by the E. I. du Pont de Nemours & Co.

Mr. McIntire, former director of sales, has been with the company 34 years, serving first as an engineer and successively in the manufacture of smokeless powder, coated fabrics, paint, pigments, and chemicals. He is a native of Wilmington and was born in 1886. He received the degree of B. S. in civil engineering from the University of Delaware.

Mr. McCormack, who has been general assistant director of Grasselli sales, joined the Du Pont Company immediately following his graduation at the University of Illinois in 1920 with a B. A. in chemistry. After a short interval as a research chemist in the East Chicago plant, he entered operations there and was a supervisor when he was transferred to the Cleveland works as superintendent in 1933. After a period as works manager at the Grasselli, N. J., plant, Mr. McCormack entered sales in the Wilmington office in 1941. He was born at La Salle, Ill., in 1896.

Hitchens Now Monsanto Associate Research Head

Promotion of Dr. Richard M. Hitchens to the position of associate research director of Monsanto Chemical Company's Organic Chemicals Division has been announced by Osborne Bezanson, divisional general manager. The promotion is effective immediately. Dr. L. P. Kyrides is research director of the division. Dr. Hitchens formerly was assistant director.

Dr. Hitchens has been with Monsanto since 1931, having started as a research chemist, and later becoming a research group leader. Born in Michigan in 1905, he attended the College of the City of Detroit, received his doctor's degree from the University of Michigan, and taught chemistry in both institutions before entering Monsanto's service.

Fair Trade Council To Meet December 1

American Fair Trade Council will hold an open meeting for the discussion of the subject of resale price maintenance affecting manufacturers of trade-marked goods who sell under resale price maintenance contracts or contemplate this method of distribution in the Hotel Roosevelt, New York, December 1.

Honored by Chile

Charles J. Brand, executive secretary and treasurer of the National Fertilizer Association, has been honored by the government of Chile with appointment as Comendador of the Order Al Merito. The decoration was presented to Mr. Brand by Marcial Mora, Chilean Ambassador to the United States, at a luncheon of about 125 persons October 19 in Washington. The Chilean honor recognizes Mr. Brand's valuable services in the development of Andean alfalfa and the promotion of other phases of Chilean agriculture, as well as in connection with agricultural use of Chilean nitrate.

Diamond Alkali Buys Emeryville Chemical Co.

The Diamond Alkali Company, Pittsburgh, Pa., has purchased the Emeryville Chemical Company, San Francisco, Calif. The manufacture of silicate of soda, sodium metasilicate, and silicate compounds will be continued at the plant which is located in Emeryville, Calif.

Stanley Pedder and Charles Eckland will continue in their present capacities as president and vice-president of the company, and no changes in personnel are contemplated except that Howard R. Bauer will be transferred from the Diamond Alkali organization to San Francisco to serve as general manager of the Emeryville Chemical Company.

The Standard Silicate Division of the Diamond Alkali Company operates silicate of soda manufacturing plants located at Cincinnati, Ohio, Jersey City, New Jersey and Marseilles, Ill. Silicate of soda is also produced by Standard Silicate Corporation, Lockport, N. Y., and the Diamond Alkali Company of Texas, Dallas, Texas. Sodium metasilicate and silicate compounds are made at the Cincinnati and Jersey City plants.

Boxcar Demurrage Charges Again Raised

Because of the increasingly acute shortage of boxcars, the Interstate Commerce Commission has again revised upward demurrage rates on boxcars, the Office of Defense Transportation, has announced today. The new order, like the less drastic one announced earlier last week, is intended to discourage delay in the loading and unloading of boxcars, and is effective from October 19 to November 19, 1944. It fixes demurrage charges on boxcars not loaded or unloaded within the free time provided by tariffs of $2.20 per car for the first two days; $5.50 per car for the third day; $11 per car for the fourth day; and $16.50 per car per day for each succeeding day.

WFA Names Black Transportation Director

The War Food Administrator has named Edgar B. Black, Buffalo, to be its director of transportation, replacing Elwood Chase, who has resigned to return to his former position in private business in Buffalo.

October Chemical Allocations Report Released by WPB

OPD Washington Bureau

The War Production Board has made public the distribution of chemicals for civilian use in October under allocation orders of the Chemicals Bureau. This was the twenty-fifth in a series of monthly reports. Allocations follow:—

Acetaldehyde.—All requests allocated in full.

Acetic Acid.—All civilian requests allocated in full except textile processing, 935,826 pounds; OEW, 57,876 pounds, and all other, 923,453 pounds.

Acetic Anhydride.—All civilian requests allocated in full except cellulose acetate rayon yarn, 23,445,698 pounds; cellulose acetate staple fiber, 4,732,411 pounds; and intermediates (textile) dyes, 24,860 pounds.

Acetone.—Requests for civilian uses for October were allocated as follows:—Drugs, 894,000 pounds; lacquers and thinners, 186,000 pounds; plastics, 82,000 pounds; rayon, 3,535,000 pounds; shoe adhesives, 212,000 pounds; all others, 106,000 pounds.

Acetylene Black.—Requests for the following end uses granted in full:—Hearing aid batteries, railroad lantern batteries, butane.

Acrylic Resins.—Non-military allocations for acrylic resin and acrylic monomer for October were as follows:—Emulsions—100 percent as requested for finishing shoe leathers. Sheet—100 percent as requested for machine guards, optical lenses, commercial aircraft glazing, and industrial electrical parts.

Rod and Tube—100 percent as requested for industrial instrument parts, and fountain pen parts. Monomer—100 percent as requested for dentures, non-corrosive electrical tape, pharmaceuticals and adhesives for food packaging. Polymer—100 percent as requested for dentures, shoe adhesives, gasket adhesives and mechanical leather coating. Molding Powder—100 percent as requested for dentures, medical appliances, hearing aid parts, pessaries and office machine parts.

A small amount of off-grade molding powder was allowed for mirror frames and brush handles.

The following end uses were denied in full:—Combs, flashlight lenses, egg cups, lighting fixtures, brush handles, toothbrushes, cigarette cases, coatings for hosiery, coatings for garment, glove and belt leather, mirrors, musical mouthpieces, pipe stems, compacts, closures, pressure-sensitive tape.

Acrylonitrile.—No allocations for non-military uses.

Adipic Acid.—The requests for adipic acid for rubber plasticizers, slushing compounds and special resins continues to be high and are being met at a slight sacrifice to the nylon program.

Beginning next month under Schedule 55 of Allocation Order M-300, adipic acid will be allocated to nylon production, as well as other uses.

Alkanolamines—Monoethanolamine:—Civilian requests were cut 75 percent with the exception of requests for gas absorption, research and inhibitor. These requests were cut 50 percent. All other requests were denied with the exception of a few single drums allowed for miscellaneous uses. Diethanolamine.—All civilian requests were allowed 10 percent, after screening for inflation. Diethylethanolamine:—All civilian requests were granted in full.

Alkyl Amines—Monomethylamine:—All civilian requests were denied. Dimethylamine:—Civilian requests for the manufacture of pesticides were cut 40 percent. All other civilian requests were denied with the exception of other chemical manufacture. This request was small and granted in full.

Allyl Compounds—Allyl Chloride:—

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Brazilian Chemical Industry Expanded

OPD Washington Bureau

Brazil's chemical, pharmaceutical, and perfumery industry has been expanded 38 percent since the start of the war in 1939 to a production value level in 1934 of $105,000,000, and is exceeded only by the foodstuffs, textile, and ready-made goods industries, according to a survey appearing in the current issue of the Foreign Commerce Weekly prepared by the U. S. Embassy at Rio de Janeiro.

Aldene Barrington Leslie, economic analyst who prepared the embassy's report, said also that Brazil's foreign trade in chemicals has also shown a marked increase since 1939, particularly in the case of exports which were more than doubled in value, due largely to heavy purchases by the United Nations of Brazil's medicinal and pharmaceutical products, and oils, gums, waxes and resins.

The report cited many instances where production of existing plants has been expanded and where new industries had been established, but concluded that the survival of some of the new activities after the war when competition and operation costs become more significant economic factors is an open question. The extent of government measures to protect national industries, it was pointed out, presumably will be a dominant consideration in the success of such enterprises.

Marketing Conference Opens in N.Y. Today

With the addition of Ernest L. Olrich, assistant to the Secretary of the Treasury and head of its Procurement Division, the list of speakers on the program of the Marketing Conference of the Chamber of Commerce of the United States at the Waldorf-Astoria Hotel, New York, Oct. 23-24, has been completed. Mr. Olrich will discuss "Disposal of Government Surplus Property."

Other speakers include C. J. Whipple, president, Hibbard, Spencer, Bartlett & Co., Chicago; Courtney Johnson, assistant to the chairman of the board of the Studebaker Corporation, South Bend, Ind., and B. Earl Puckett, New York, vice-chairman of the board of the American Retail Federation.

The conference will open with a discussion of reconversion and demobilization and at a banquet on Monday night, President Eric A. Johnston, of the United States Chamber, will speak on the subject, "Distribution—a Key to Prosperity." On Tuesday there will be sessions on price control and civilian supply, and on consumer credit and taxation, with addresses by other outstanding authorities in their fields.

DPC Offers N.J. Plants for Sale

OPD Washington Bureau

A list of thirty-eight Defense Plant Corporation and two War Department plants and sites in New Jersey, which are to be disposed of as soon as they no longer are needed in the war effort, is being distributed for the information of prospective buyers.

Among these plants are:—Aluminum Company of America, Burlington; American Cyanamid Company, Linden; American Type Founders, Inc., Newark; E. I. du Pont de Nemours & Co., Newark; General Electric Company, Bloomfield and Trenton.

Junior Chem. Engineers To Hear Dr. Egloff

The Junior Chemical Engineers of New York will hear Dr. Gustaff Egloff, president of the American Institute of Chemists and director of research for Universal Oil Products Company, at a dinner meeting October 28. Dr. Egloff will discuss "Modern Products from Petroleum." The meeting will be held at the Terminal restaurant, 47 Vesey street, at 6 p. m.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals and related materials is currently as follows:—

Oct. 20, 1944	Oct. 13, 1944	Oct. 22, 1943
136.7	**136.8**	**137.5**

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Business would have boomed last week in several civilian lines if there had been men to operate the booming. The man shortage is still big; those who have been cut back, or, allegedly, are holding back from war production somehow can't be got into jobs in the anxious divisions. Not all of this results from the allocation system.

Trading in chemicals, oils, and drugs outside of big war items was no better than steady. Price revisions were few. Quicksilver and monohydrated copper sulphate were boosted a bit but a cut in geranium, oiticica, and sardine oils pushed the general average down.

Prices were advanced on quicksilver, monohydrated copper sulphate, paprika, Mombassa pepper, and soybean protein.

Prices were reduced on geranium, oiticica, and crude sardine oils, penicillin, dill, ginger, laurel leaves, pimento, Chilean marjoram, Louisiana long chillies, and Spanish sage, savory, and thyme.

Chemical Allocations Report Supplemented

The War Production Board has issued the following report on allocations for October:—

Calcium Hypochlorite, High Test.—Due to a temporary easing in demand for military use, it has been possible to allow increased quantities to flow into civilian channels during October. About 80 percent of the quantity requested for laundry use was granted and the full amount for export. It is expected, however, that heavy military demand will not permit continuation of this policy beyond the current month.

Chlorine. — Allocations for the fourth quarter amounted to 338,554 tons. The breakdown of the allocation for various uses is as follows:—water and sewage purification, 10,699 tons; paper industry, 43,196 tons; textile industry, 439 tons; foodstuffs, 62 tons; magnesium production, 3,625 tons; metal refining, 1,632 tons; petroleum refining, 180 tons; processing of cotton linters, 1,600 tons; bleaching of shellac, turpentine, etc., 378 tons; calcium hypochlorites, 4,832 tons; sodium hypochlorite solutions, 5,890 tons; cellophane, 213 tons; chlorinated benzenes, 20,416 tons; chlorinated paraffins, 8,700 tons; organic solvents, 97,941 tons; other chemicals, 116,168 tons; distribution in small cylinders, 4,644 tons; miscellaneous, 15,801 tons.

Chrome Chemicals.—Tanning:—Civilian needs were granted varying percentages, determined in conjunc-

—Continued on page 52

Zinc Galvanizers To Meet Nov. 9-10

The fifteenth annual meeting of the Galvanizers Committee which is sponsored by the American Zinc Institute will be held in the William Penn hotel, Pittsburgh, November 9 and 10.

Bids Wanted

Alcohol:—54 wine gallons, Purchasing Agent, District Government, Washington (4); schedule 6121, opening October 26.

Asphalt Varnish:—400 gallons, General Purchasing Officer, The Panama Canal, Washington (25); schedule 7542, opening November 2.

Cottonseed Cake:—8 tons, Division of Purchase, Sales and Traffic, Department of Agriculture, Washington (25); invitation 242-45, opening October 24.

Soap Liquid:—2,250 pounds, Assistant Chief, Service Office, Federal Works Agency, Public Buildings Administration, Office of Buildings Management, Washington (25); invitation 1262-10-24-SH, opening October 24.

Titanium-Barium:—20,000 pounds in oil, General Purchasing Officer, The Panama Canal, Washington; schedule 7542, November 2.

White Lead:—2,000 pounds, The Chief Clerk, Justice-Prisons, Federal Correctional Institution, Englewood, Colo.; invitation 30-1187, opening October 23.

Surplus Chemicals Offered

Defense Supplies Corporation has the following described surplus war chemicals which are available for immediate sale, f.o.b. cars or trucks present storage point. Offers should be submitted in writing to Defense Supplies Corporation 811 Vermont avenue, N.W., Washington, D. C. This corporation reserves the right to withdraw all or any part of items listed or to reject any offer in whole or in part:—

Acetic Acid, glacial, 300 pounds, Pueblo, Colo.

Acetone, 5,000 pounds, Schenectady, N. Y.

Alumina, Activated, 4,080 pounds, Edgewood Arsenal, Md.

Aluminum Oxide, 700 pounds, Edgewood Arsenal, Md.

Aluminum Sulphate, 47,300 pounds, Framingham, Mass.

Amidol, 9,147 pounds, New York.

1-Amino-2-Naphthol-4-Sulfonic Acid, 300 25-gram bottles, Denver, Colo.

Ammonium Acetate, 76 pounds, Binghamton, N. Y.; 250 pounds, Savannah, Ga.

Ammonium Bromide, 500 pounds, Binghamton, N. Y.

Ammonium Chloride, 804 pounds, Edgewood Arsenal, Md.

Ammonium Sulphate, 53,500 pounds, Chicopee Falls, Mass.

Amyl Acetate, 32,912 pounds, Portsmouth, Va.

Anilin, 175 pounds, Savannah, Ga.

Arsenic, Anhydride, 150 pounds, Savannah, Ga.

Arsenic Trichloride, 860 tons, Pine Bluff Arsenal, Ark.; 564,623 pounds, Denver, Colo.; 142,000 pounds, Ft. Valley, Ga.; 20,000 pounds, Edgewood Arsenal, Md.; 51,000 pounds, Cleveland, Ohio.

Barium Carbonate, 300 pounds, Atlanta, Ga.; 98 pounds, Schenectady, N. Y.

Barium Chloride, 225 pounds, Savannah, Ga.

Barium Hydroxide, 75 pounds, Savannah, Ga.

Barium Nitrate, 49,000 pounds, Edgewood Arsenal, Md.

Benzidine, 200 ounces, Atlanta, Ga.; 700 ounces, Savannah, Ga.

Benzidine, Technical, 2 pounds; Edgewood Arsenal, Md.; 11 pounds, Edgewood Arsenal, Md.; 4,000 grams, Edgewood Arsenal, Md.

Bleach Powder, grade A, 6,720 pounds, Oakland, Calif.

Bleach Powder, grade B, 133,700 pounds, Edgewood Arsenal, Md.; 42,120 pounds, New Cumberland ASF Depot, Pa.; 206,800 pounds, New Cumberland ASF Depot, Pa.; 223,704 pounds, Utah ASF Depot, Ogden, Utah.

Bleaching Powder, 23,290 pounds, Memphis, Tenn.

Bleach, grade C, 449,500 pounds, Edgewood Arsenal, Md.; 125,000 pounds, New Cumberland ASF Depot, Pa.; 434,610 pounds, Utah ASF Depot, Ogden, Utah.

Bleach, grade 1, 184,420 pounds, Atlanta ASF Depot, Ga.

Bleach, grade 2, 1,316,200 pounds, Atlanta ASF Depot, Ga.; 765,150 pounds, Memphis, Tenn.; 219,520 pounds, Memphis, Tenn.; 920,980 pounds, Huntsville, Ala.; 3,600 pounds, San Antonio, Tex.

Bleach, grade III, 14,300 pounds, Edgewood Arsenal, Md.

Butyric Acid, 1,720 pounds, Memphis, Tenn.; 3,179 pounds, Ogden, Utah; 3,870 pounds, Atlanta, Ga.; 32 quarts, Atlanta, Ga.; 1,107 pounds, Edgewood Arsenal, Md.; 2,160 pounds, San Antonio, Tex.; 28 pounds, San Antonio, Tex.

Calcium Carbide, 16,600 pounds, Los Angeles, Calif.; 3 drums, Jerome, Ark.

Calcium Carbonate, 33,950 pounds, Edgewood Arsenal, Md.

Calcium Chloride, 12,225 pounds, San Antonio, Tex.

Calcium Cyanide, 260 pounds, Atlanta, Ga.; 125 pounds, Schenectady, N. Y.

Calcium Silicide, 47,900 pounds, Edgewood Arsenal, Md.

Carbon Bisulphide, 1,000 pounds, Savannah, Ga.

Caustic Soda, 2 barrels, Detroit, Mich.

Charcoal, 12-20 mesh, 9,739 pounds, Lawrence, Mass.; 2,177 pounds, Lawrence, Mass.; 355,909 pounds, Lawrence, Mass.

Charcoal, Whetlerite, 98,783 pounds, Columbus, Ohio; 68,181 pounds, Columbus, Ohio; 434 pounds, Akron, Ohio; 109,225 pounds, Akron, Ohio; 60,921 pounds, Zanesville, Ohio; 10,101 pounds, Zanesville, Ohio; 51,638 pounds, Fostoria, Ohio; 114,670 pounds, Fostoria, Ohio.

Chlorocosane, technical, 1,755 pounds, Edgewood Arsenal, Md.

Chloroform, technical, 60 ½ pints, Schenectady, N. Y.

Copper Arsenate, CP, 460 ounces, Edgewood Arsenal, Md.

Creosote, 195 pounds, Orangeburg, N. Y.

Diethyleneglycol, 744 gallons, Denver, Colo.

Dinitrobenzene, 31 pounds, Edgewood Arsenal, Md.

Dinitronaphthalene, 150 pounds, Edgewood Arsenal, Md.

Dinitrophenol, 290 pounds, Edgewood Arsenal, Md.

Dinitrotoluene, 174 pounds, Edgewood Arsenal, Md.

Dye, 650 pounds, Ft. Riley, Kans.; 1,643 pounds, Ft. Riley, Kans.; 1,125 pounds, Camp Gruber, Okla.; 1,500 pounds, Camp Gruber, Okla.; 500 pounds, Hereford, Tex.; 400 pounds, Camp Bowie, Tex.; 3,896 pounds, Huntsville, Ala.; 875 pounds, Ft. F. E. Warren, Wyo.; 5,800 pounds, Ogden, Utah; 450 pounds, Ft. F. E. Warren, Wyo.; 450 pounds, Salt Lake City, Utah; 50 pounds, Salt Lake City, Utah; 990 pounds, San Luis Obispo, Calif.; 1,000 pounds, San Luis Obispo, Calif.

Dye, Blue Toner E-7001, 210 pounds, New York; Alizarin red S, 204 10-gram vials, Schenectady, N. Y.; Azocarmine B, 623 10-gram vials, Schenectady, N. Y.; Biebrich scarlet, 197 10-gram vials, Schenectady, N. Y.; Eosin Y, certified, 1,539 10-gram vials, Schenectady, N. Y.; erythrosine, 28 bottles, Schenectady, N. Y.

Dyestuff, 1,220 pounds, Wichita Falls, Tex.; 100 pounds, Tyler, Tex.; 100 pounds, Tyler, Tex.; 200 pounds, Paris, Tex.; 500 pounds, Paris, Tex.; 333 pounds, San Francisco, Calif.; 300 pounds, Ft. Worth, Tex.; 500 pounds, Ft Worth, Tex.; 100 pounds, Oklahoma City, Okla; 50 pounds, Oklahoma City, Okla; 1,683 pounds, San Antonio, Tex.; 640 pounds, San Antonio, Tex.

Ether, grade A, 13,029 quarts, Memphis, Tenn.

Ethylene Bromide, 4,000 grams, Edgewood Arsenal, Md.

Ferric Chloride, 750 pounds, Savannah, Ga.

Ferric Nitrate, CP, 5,815 pounds, Edgewood Arsenal, Md.

Formaldehyde, 341 gallons, Edgewood Arsenal, Md.; 500 bottles, Savannah, Ga.

Glue, liquid, 55 gallons, Orchard Grove, Ill.

Glue, 35,000 pounds, Portsmouth, Va.

Hydrobromic Acid, 200 pounds, Denver, Colo.; 63 pounds, Binghamton, N. Y.; 50 pounds, Savannah, Ga.; 125 pounds, San Francisco, Calif.

Hydrochloric Acid, 5,000 pounds, Denver, Colo.; 6,000 pounds, San Francisco, Calif.; 3,012 pounds, Binghamton, N. Y.; 13,000 pounds, Savannah, Ga.

Iodine, USP, 69 pounds, Edgewood Arsenal, Md.

Iron, Reduced, 1,700 pounds, Edgewood Arsenal, Md.

Isobutyl Methracrylate, 2,000 pounds, Edgewood Arsenal, Md.

Lead Acetate Compound Tablets, 806 tubes, Schenectady, N. Y.

Lead Nitrate, 850 pounds, Phila.

Lime, 25 tons, Huntsville Arsenal, Ala.

Lithium Carbonate, 125 pounds, Schenectady, N. Y.

Magnesium Oxide, 229 pounds, Edgewood Arsenal, Md.

Molybdic, Anhydride, 253 pounds, Binghamton, N. Y.; 250 pounds, Savannah, Ga.; 1,000 pounds, San Francisco, Calif.

Naphtha, aromatic, type 3, 40,000 gallons, Topeka, Kans.; 6,565 gallons, Syracuse, N. Y.; 74,115 gallons, South Bend, Ind.; 17,172 gallons, Columbus, Ohio; 5,834 gallons, Memphis, Tenn.

Nitrocellulose, 359 pounds, Dallas, Tex.; 311 pounds, Dallas, Tex.; 529 pounds, Dallas, Tex.; 36,316 pounds, Ravenna Ord. Center, Apco, Ohio.

Nitronaphthalene, 100 pounds, Edgewood Arsenal, Md.; 192 pounds, Edgewood Arsenal, Md.

Oxalic Acid, 5,000 pounds, Denver, Colo.; 6,511 pounds, Binghamton, N. Y.; 5,000 pounds, Savannah, Ga.; 11,000 pounds, San Francisco, Calif.

Paranitrophenol, 53 pounds, Edgewood Arsenal, Md.

Phenol, 10 pounds, Schenectady, N. Y.

Phenolamine, alkylated, tertiary, 6,053 gallons, Alameda, Calif.; 551 gallons, Corpus Christi, Tex.

Phosphoric Acid, 249 gallons, Atlanta, Ga.

Phosphotungstic Acid. 750 ounces, Denver, Colo.; 150 ounces, Atlanta, Ga.; 1,314 ounces, Binghamton, N. Y.; 1,200 ounces, San Francisco, Calif.

Potassium Bromide, 248 bottles, Schenectady, N. Y.

Potassium Chromate, 25 pounds, Schenectady, N. Y.

Potassium Dichromate, 25,762 pounds, South Bend, Ind.

Potassium Metabisulphite Anhydrous Powdered, 6,000 pounds, Topeka, Kans.; 17,800 pounds, South Bend, Ind.

Potassium Nitrate, 16,890 pounds, Edgewood Arsenal, Md.; 1,000 pounds, Edgewood Arsenal, Md.

Pyrogallic Acid, 500 ounces, Denver, Colo.

Rosin, 1-ounce cake, USP, 54,790 packages, Louisville, Ky.

Sal Soda, 575 pounds, Camp Kohler, Calif.; 1,382 pounds, Gulfport, Miss.

Silica, 700 pounds, Pine Bluff Arsenal, Ark.

Soda Acetate, CP, 1,700 pounds, Savannah, Ga.

Soda, Baking, 1,650 pounds, Detroit, Mich.

Soda Bisulphite, 200 pounds, Savannah, Ga.

Soda Caustic, 24,400 pounds, Edgewood Arsenal, Md.

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Petsamo Nickel Mines Disposal Discussed

In connection with negotiations between the Canadian and Soviet governments over the ultimate disposal of the Petsamo nickel mines of northern Finland Robert C. Stanley, chairman and president of the International Nickel Company of Canada, Ltd., made the following statement:—

Consequent upon the cession by Finland to the Soviet Union of the District of Petsamo, the ownership of the nickel mines in that territory passed to the Soviet Government. In connection therewith the Government of Canada has informed us that a protocol was signed at Moscow by the Canadian and United Kingdom Ambassadors and a representative of the Soviet Government whereby the Soviet Government has undertaken to pay $20,000,000 in equal instalments during the ensuing six years. This payment is to be made through the Government of Canada for the benefit of the International Nickel Company of Canada, Limited, and its subsidiary in compensation for the nickel properties.

Wicklum Made Head Of Stearns of Canada

L. Earle Wicklum has been elected president of Frederick Stearns & Co. of Canada, Ltd., Windsor, Ontario, according to Dr. J. Mark Hiebert, general manager of Frederick Stearns & Co., division of Sterling Drug, Inc. Other officers elected were:—Vice-president and treasurer, L. L. Darling; secretary and assistant treasurer, J. J. Walsh.

Soda Nitrate Price Unchanged

Contract prices for American soda nitrate for November shipment may be entered at the same basis that prevailed through October.

Vitamin D Patent Licensing Alleged To Constitute a Trust

OPD Washington Bureau

An amended counterclaim to bring **all parties licensed** under the Steenbock vitamin D patents and allegedly participating in a conspiracy, in violation of the antitrust laws, was filed **with the Federal district court** at Chicago October 20 by the Department of Justice as intervening defendant in the Wisconsin Alumni Research Foundation suit against Douglas Laboratories alleging infringement of the Steenbock patents. The government intervened in the suit last February, charging abuse of the patents and to obtain injunctions against practices which it regards as violative of the antitrust laws.

In its amended counterclaim the department charges the foundation with conspiring with its licensees (1) to divide fields of manufacture, use, and sale of vitamin D and vitamin D products; (2) to agree upon whether additional concerns should be permitted to become licensees; (3) to prevent and suppress competition in the manufacture, use, and sale of vitamin D and vitamin D products among licensees under the Steenbock patents; and (4) to prevent and suppress such competition between licensees and other concerns.

Named as counter-defendants in the claim just filed, in addition to the foundation, are E. I. du Pont de Nemours & Co., Wilmington; the Quaker Oats Company, Chicago; Standard Brands, Inc., New York; the Gelatin Products Corporation, Detroit; the Borden Company, New York; the Carnation Company, Milwaukee; the Pet Milk Company, St. Louis; the Indiana Condensed Milk Company, Indianapolis; Nestle's Milk Products, Inc., New York; Vitamins, Inc., Chicago; Abbott Laboratories, North Chicago; Mead Johnson & Co., Evansville, Ind.; the William S. Merrell Company, Cincinnati; Parke, Davis & Co., Detroit; E. R. Squibb & Sons, New York, and the Winthrop Chemical Company, New York.

Research Seen Making Jobs in Postwar

Dr. Cole Coolidge, assistant chemical director of E. I. du Pont de Nemours & Co., said in an address at the Herald Tribune Forum in the Waldorf Astoria, a recent study "indicates that the new projects and products that the du Pont company will be ready to launch when the war is over, together with increased outlets for existing products, are expected to bring an all-time high in the company's peace-time employment."

Speaking on the theme "Research Makes Jobs," Dr. Coolidge said:—

There can be no victory in this war if its end brings widespread unemployment and want in the United States. Even now we take counsel and consider the changes that must come with peace. As a people, we are as united in the objectives of this post-war effort as we are in our determination to crush Germany and Japan.

Near the top of everyone's list is the hope for a high level of productive employment—for an economy that will provide jobs for our returning veterans, for those now making war materials and for the youth that will come to maturity in the happier years which will follow the war.

There is ample ground for entertaining such hopes. Research has provided millions of jobs in the past, and there is reason to believe it can do it again.

Racemic Menthol Gets Recognition in USP

The eighth sheet supplement to the United States Pharmacopeia revises the monograph on menthol so as to include racemic synthetic menthol, along with the natural material and the levorotatory synthetic product. Tests for the congealing point of the racemic type and for the detection of readily oxidizable substances in it are included, as is a definition of its optical rotation.

The changes set forth in the eighth sheet supplement are immediately effective and will become enforceable April 1, 1945. In addition to those with reference to menthol these changes recognize replacements for oil of anise and oil of cinnamon; affect the labeling of dichlorophenorsin hypochloride and oxophenarsin hydrochloride; re-establish the original formula for elixir of phenobarbital, and increase the permitted quantity of ethylenediamine in theophyllin ethylenediamine injection.

Union Carbide Forms Plastics Group

The Union Carbide & Carbon Corporation has formed a new Plastics Group, which brings together activities that are related either to the manufacture, compounding or sale of synthetic resins and plastic products. This step has been taken to co-ordinate the technical knowledge, sales engineering, research, production and distribution methods for all plastics and resinous products. The number of products groups into which the activities of the various units of the corporation are divided is increased from four to five by the formation of the Plastics Group.

These groups are:—(1) Alloys and metals. (2) Chemicals. (3) Electrodes, carbons and batteries. (4) Industrial gases and carbide and (5) plastics. The Bakelite Corporation will carry on the integrated sales activities of the new Plastics Group.

N.P.V.L.A. Names Horn To Executive Group

A. E. Horn, of the A. C. Horn Company, New York, was elected as a member of the executive committee of the National Paint, Varnish and Lacquer Association, to fill out the unexpired term of William Zintl, resigned.

Margarin Nutrition Retains AMA Approval

To forestall misleading statements, the American Medical Association's Council on Foods and Nutrition is emphasizing the fact that fortified margarin is still fully entitled to the AMA seal insofar as its nutritional properties are concerned.

A change in the policy of the association has produced a ruling affecting all food products to which its seal has been granted. With the exception of foods prescribed in the treatment of disease, the seal is now permitted only in connection with statements on the nutritional aspects of foods, not in connection with their advertising or packaging.

Margarin nutritionally continues to have the full approval of the Council on Foods and Nutrition of the American Medical Association which states September 16, 1944:—"The council takes this opportunity to reaffirm its confidence in the nutritional value of margarin containing vitamin A."

Norton Buys Jersey Plant for Paint

Edward F. Norton, founder and head of the paint and calsomine making business conducted under the style of Norton & Son, at 60 Church street, New York, has acquired by purchase from the New Jersey Title Guarantee & Trust Company, in liquidation, a two-story factory building and property at 45 Cornelison avenue, Jersey City.

Mr. Norton, who was formerly affiliated with the United States Kalsomine Company, New York, retired from that concern a little more than a year ago and thereafter established his own enterprise in the paint industry.

Arsenic Control Revised by WPB

OPD Washington Bureau

A revision of the arsenic control order, schedule 46 of M-300, to clarify the meaning of "arsenic" to make certain that it does not include finished arsenicals was announced October 18 by the Chemicals Bureau of the War Production Board. The amended order limits the definition of arsenic to mean "arsenious acid, also known as white arsenic and arsenic trioxide, whether in crude (black or gray) or refined form."

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

Restoration of prewar commercial relations with Italy may not be too far off. The Treasury Department this week lifted the ban on business communications with the liberated portion of the country and importers and exporters are now free to negotiate and exchange information on what products might be available there or desired from here by their agents in that area.

The action is the first step in the direction of putting foreign trade with Italy back in private hands. Although it is still far from conclusive since Italian assets in this country continue frozen and private trade transactions thus cannot be consumated, it's evident that the government is looking to the time when private trade can be restored by allowing the businessmen now to begin getting their affairs in order.

Postwar Price Levels

A good many members of the merchantile community were a little put out when Price Administrator Bowles outlined his policies on postwar pricing a few days ago because he did not jump at the suggestion of Mobilization Director Byrnes that manufacturers be allowed to arrive at their new prices by the addition of a flat percentage to their 1942 levels to cover increased wages and other costs.

They accuse Mr. Bowles of being occupied with only one facet of the problem—what will happen when overtime stops and the forty-hour work week prevails—and say he seems to have the idea that, by denying manufacturers the right to reflect new costs in pricing their goods, he will maintain public buying power.

They are, however, jumping at conclusions. Mr. Bowles has not said that he will not adopt the Byrnes proposal. The chances are that he will, to a limited extent, in the case of those industries producing products which have been off the market since the war —the metal-using industries in the consumer durable goods fields. But he feels, in the case of other industries, that when the limitations on production are removed, overtime payments are decreased, and more efficient labor is available, unit production costs will decrease and thus absorb the higher wage rates and higher material costs and permit manufacturers to continue to prosper under present ceiling prices.

Japan Will Fight Long

The Office of War Information has become very agitated over the widespread feeling that when victory in Europe has been achieved the nation can coast along and win the war against Japan without any particular effort at conservation on the home front. So much has been written and said from Washington about how the bars will be let down on civilian production on V-E Day that the people are losing sight of the fact that the war against Japan might be even more costly in men and materials than the war in Europe.

The need for campaigns such as saving tin cans and waste fats, and against nonessential traveling will continue after V-E Day just as now. Advertisers and their agencies are being so advised by OWI and are being urged to keep this in mind in planning their advertising appropriations for 1945. Japan controls the major source of tin and an important source of fats and oils. With many of the warplants located in the East it is not hard to visualize the tremendous transportation problem that will follow when the tempo of the war in the Far East is stepped up.

Scrapping Scrappers' Stuff

The War Department says that the government intends to follow an aggressive scrap policy in regard to combat material and parts in order to divert huge quantities of much needed materials back into production. When machines of war have served their usefulness beyond repair or further need, the plan is to scrap them.

Every effort will be made to determine possible ways to utilize such material for other than its original purpose; but, for the most part, officials feel, specialized machines of war are far too expensive to maintain when they are no longer needed. The department expects to hear many shouts of "waste" from this announced policy, but it feels that it would be more wasteful and more costly to hold and store useless material. Scrapping gets more value out of something that otherwise has no value.

Talc Goes to War

Demands of the Army Signal Corps for further research in the field of insulation has had the curious result of taking talc to war against the axis. Steatite, as it is called by industry, has yielded to new and ingenious manufacturing processes and uses unknown twelve months ago.

The War Department says it is now being baked into intricate forms and shapes, some of them so tiny as to seem almost microscopic. Tubes of steatite, for instance, can be made as thin as an ordinary shingle nail, yet capable of having thinner wire inserted in 'em. It can be bent at the sharpest angles and formed into geometric-looking patterns; yet it is hard and enduring, not attacked by acids and not injuriously affected by intense heat. It even retains its clear color when subject to fire.

Bugkillers From the Army

The end of the war will find the United States in an extremely favorable position to wage a major campaign against mankind's outstanding biological enemy, the disease-carrying insects, as a result of the tremendous effort that has been made to defeat them in combat areas throughout the world.

Thousands of men have been trained in the technics of insect control, who will be available, together with new control methods, for mosquito and other insect control programs, once peace and victory are achieved. The army is quite proud of its efforts in this direction and predicts that these men will make possible renewal of civilian efforts to eliminate the nuisance of the mosquito and at the same time guard against the diseases the mosquito is known to transmit, such as malaria, dengue and yellow fever, and perhaps encephalitis.

DPC Plants 'Briefaloged'

Industry was given its first view this week of how extensively the government was forced by the war into the building of new plants for the production of war and essential civilian materials. Jesse Jones has compiled for public inspection what he calls a "briefalog" listing all the plants and plant sites built and owned by Defense Plant Corporation, which will be sold or leased as surplus sometime later when they are no longer needed for the war.

The list, more than 150 pages of closely printed type, is being made public at this time to give industry and those interested in industry advance information as to the size, character, and locations of its plants so that when any of them are declared surplus they can be converted to civilian production through lease or sale with all possible speed and the least possible loss of employment.

Mr. Jones is providing for the widest possible circulation of the document. A copy is being mailed to each bank and railroad in the country so that they will be in a position to advise and assist any of their customers who may be interested in the plants. Copies of the briefalog also are being made available to the public at all RFC agencies throughout the country as well as Chambers of Commerce.

Argentine Industries

A rather pronounced tendency has been noted in Argentina during the past year of the government moving in and taking over management control of some of its industrial firms or starting up new companies ostensibly

—Continued on page 58.

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COMMERCIAL SOLVENTS

Corporation

17 East 42nd Street, New York 17, N. Y.

Chemical Allocations Issued for October

—*Continued from page 3*

All requests were granted in full with the exception of requests for the manufacture of flavors. These requests were denied. Allyl alcohol:—All requests were granted in full.

Aluminum Chloride, Anhydrous.—All requests were granted in full.

Ammonium Silicofluoride. — Sufficient ammonium silicofluoride is available in October to meet the requirement of the magnesium and aluminum industries. Anticipated production will be so low that no allocation to other uses such as laundry sour was made. However, fair quantities of other salts suitable for laundry sour are available.

Ammonia, Anhydrous.—Granted 100 percent for industrial uses.

Ammonia, Aqua.—Granted 100 percent for industrial uses.

Ammonium Sulphate.—Granted 100 percent for industrial uses.

Anilin.—Allocations were made on approximately the same basis as in September.

Arsenic.—Allocations of arsenic for the fourth quarter were as follows:—Allowed 70 percent for agricultural insecticides for domestic and Hawaiian requirements, weed killer for rail rights of way and for agricultural land clearing, and potato vine killer. Allowed 18 percent for provision for export requirements; 6 percent for glass manufacturing; allowed 5 percent for other essential civilian purposes, which includes the manufacture of pharmaceuticals and fine chemicals, purification of gas, refining of metals and ores, preservation of wood and wall board, preparation of pesticides and cattle dips.

Ascorbic Acid.—Total civilian medicinal requests were granted 100 percent.

Barium Chemicals.—Allocations recommended on basis of current use, with carload and truck load requests curtailed to balance requirements with supply.

Benzaldehyde.—To be announced later.

Benzene.—The initial October allocation was as follows:—Phenol, 2,050,000 gallons; aniline (inc. DPA-DMA), 1,282,600 gallons; nitrobenzene, 97,514 gallons; chlorobenzene, 638,824 gallons; anthraquinone, 109,122 gallons; medicinals, 97,364 gallons; solvents, 444,429 gallons; miscellaneous, 389,622 gallons; rubber chemicals, 54,914 gallons; blends controlled by M-150, 140,000 gallons.

Bismuth Chemicals.—All civilian requests granted in full—medicinal use, 64,465 pounds; industrial use, 600 pounds; cosmetics, 164 pounds.

Bleaching Powder. — A decreased military demand has placed this commodity in relatively free supply so that all requests have been granted in full. It is expected that this commodity can be taken off allocation in the near future. The Defense Supplies Commodity has substantial amounts on hand available for purchase which has been declared surplus material by the Armed Forces.

Butyl Acetate, Normal.—Because of the critical nature of this material, no civilian end uses were allocated in full. The following civilian end uses were allowed in part:—Arms, weapons, ammunition, aircraft, electrical and communication equipment, containers, packages, and accessories, 214,698 pounds; industrial machinery and equipment, tools, health, safety and scientific equipment, photographic material and equipment, printing inks, printing and publishing, engraving accessories, 188,059 pounds; public transportation, ambulances and new trucks, 85,264 pounds; women's and infants' sanitary wear, non-allergic pillow cases, covers, surgical adhesive tape, plasters, baby carriages, cloth, upholstery (vehicle) case cloth for safety, scientific, precision and optical instrument cases, shoes, transmission belting, 73,969 pounds; laundry equipment and accessories, refrigeration and coolers, hardware, locks, heating equipment, plumbing, baby carriages, clocks, buttons and buckles, map and chart covers and holders, 82,858 pounds; resins and plastics, 65 percent, 1,485 pounds; cements and adhesives, 50 percent, 4,791 pounds; textiles, 50 percent, 5,070 pounds; miscellaneous, 60 percent, 1,170 pounds. No other civilian end uses were allowed.

Butyl Acetate, Secondary, for protective coatings.—No civilian end uses were allowed.

Butyl Alcohol, Normal.—The following essential civilian end uses were allowed in October: hydraulic brake fluids 100 percent 257,980 pounds; butyl derivatives 85 percent 26,508 pounds; cellulose acetate sheets 50 percent, 32,500 pounds; photographic and reproduction products 100 per cent, 27,768 pounds; resins and plastics 55 percent, 142,030 pounds; dyes and penetrants 35 percent, 8,500 pounds; misellaneous 45 percent, 10,729 pounds.

Because of the critical nature of this material, no civilian protective coatings were allowed in full. The following civilian protective coatings were allowed in part: arms, weapons, ammunition, aircraft, electrical and communication equipment, containers, packages and accessories 121,677 pounds; industrial machinery equipment, tools, health, safety and scientific equipment, photographic material and equipment, printing inks, printing and publishing, engraving accessories 60,606 pounds; public transportation, ambulances and new trucks 37,737 pounds; women's and infants' sanitary wear, non-allergic pillow cases and covers, surgical adhesive tape and plasters, baby carriages, cloth, upholstery (vehicle) case cloth for safety, scientific precision and optical instruments and cases, shoes and transmission belting 10,747 pounds; laundry equipment and accessories, refrigeration and coolers, hardware, locks, heating equipment, plumbing, baby carriages, clocks, buttons and buckles, map and chart covers and holders 18,292 pounds. No other civilian end uses allowed.

Butyl Alcohol, Secondary, for protective coatings. — Because of the critical nature of this material, no civilian end uses were allocated in full. The following essential civilian end uses were allocated in part:—Arms, weapons, ammunition, aircraft, electrical and communication equipment, containers packages and accessories, industrial machinery equipment, tools, health, safety and scientific equipment, photographic material and equipment, printing inks, printing and publishing, engraving accessories, public transportation, ambulances and new trucks, laundry equipment and accessories, refrigeration, coolers, hardware, locks, heating equipment, plumbing, baby carriages, clocks, buttons, buckles, map and chart covers and holders. No other civilian end uses were allowed.

Butyl Alcohol, Tertiary.—All civilian requests were granted in full for October.

Caffeine.—Allocated in full for medicinal use; requests granted in part for beverage use (130 percent of average monthly 1941 consumption, allocated partly from domestic production and the remainder from stocks of imported material).

Calcium Carbide.—All requests allocated in full.

Carbon Tetrachloride.—All essential civilian demands have been met for the month of October. The military demand is exceptionally heavy at this time and it has not been possible to allow the dry cleaning industry as much for use as was hoped. However, this industry was given sufficient material to handle most hardship cases. Of the total production the distribution at the present time is approximately as follows:—Degreasing (17 percent); dry cleaning (4 percent); miscellaneous industrial uses (6 percent); civilian fire extinguisher (9 percent); rubber (1½ percent); grain fumigation (3 percent.; drugs and pharmaceuticals (1½ percent).

Casein.—For the fourth quarter all requests were allowed in full except:—Paint which was allowed 100 percent of 1942 consumption; and plastics which was allowed 120 percent of 1942 consumption.

Cellulose Acetate Butyrate Flake.—A small amount of acetate butyrate flake was allocated for a special coating for civilian adhesives. Some flake will reach civilian uses indirectly, subject to the allocation of cellulose acetate butyrate plastics (M-300-51 and M-300-52) and to the provisions of L-233 on photographic film.

Cellulose Acetate Propionate Flake.—No allocations were made to civilian protective coating uses. Some flake will reach civilian uses indirectly, subject to limitations imposed by L-233 on photographic film.

Cellulose Ester Sheets, Rods, Tubes and Molding Powder.—Cellulose acetate and cellulose acetate butyrate molding powder:—824,484 pounds allocated for such civilian items as: electrical and communication equipment, industrial equipment, plumbing supplies, extruded edging, farm and dairy supplies, health and sanitation, toothbrushes, industrial tubing, irrigation tubing, industrial goggles, optical frames, identification badges, bookbinding, auto replacement parts, office machine parts, hardware. 3,170,664 pounds allocated for such civilian items as:—sun glasses, office equipment, closures, buttons, buckles and garment fittings, combs, brush handles, dresser sets, mirror or picture frames, religious items, cosmetic packaging, other packaging, household and kitchenware, jewelry, smoking accessories, toys, miscellaneous. 521,706 pounds of excess molding powder were included in the above figures. Scrap acetate powder is no longer controlled. After all military demands were satisfied, the allocations were based on individual producer's capacities. Requests of comparable essentiality were bracketed into one allocation which allowed the molder to use that allocation as he wished for any use within that bracket. Cellulose acetate sheeting:—Allocated to civilian end uses as follows:—clothing, 2,906 pounds; electrical parts, 487 pounds; flashlights, 518 pounds; health, 10,937 pounds; identification badges, 5,843 pounds; industrial tools, 531 pounds; office accessories, 9,939 pounds; optical frames, 157 pounds; photography and printing, 44,101 pounds; safety goggles, gas masks and respirators, 120 pounds; telephone and communication, 17 pounds; transportation, 4,892 pounds; miscellaneous, 2,269 pounds; radio and radar, 18 pounds. Due to the critical supply situation on phthalate plasticizers, material for civilian uses must be made with substitute plasticizers. A quantity of reject and scrap material has been allowed for end uses with the essentiality below the pattern for first-grade material.

Cellulose Acetate Flake.—Requests for cellulose acetate flake to be used in the manufacture of yarn and staple fiber were met in full.

Photographic film allocation was in accordance with Limitation order L-233.

Due to short supply at one producer's plant, civilian lacquer uses were curtailed.

Allocations for cellulose acetate flake for plastics were sufficient to meet the plastics allocations under M-300 (51) and M-300 (52), although curtailment of use under these orders was necessary due to short supply.

Charcoal.—Production of charcoal will continue at a normal rate through October. One of the Pennsylvania plants which has been closed down several months, on account of a shortage of labor and wood supply, is resuming operations.

All industrial requirements are being supplied 100 percent, and it is expected that about 4,000 tons will be available for the civilian trade.

Chemical Cotton Pulp.—Requests of manufacturers of acetate rayon were allowed 94 percent, and requests for nitrated lacquers, plastics, films, etc., were allowed 96 percent. All cuts were made in cases where the inventory situation justified them. This commodity continues to be tight.

Chlorate Chemicals.—Sodium Chlorate:—1. Agricultural and railroad weedkilling—amount recommended in line with Requirements Committee Programs; 2. textile processing—recommended 90 percent of amount requested; 3. metal treating and refining—recommended 100 percent of amount requested; 4. chemical processing—recommended 100 percent of amount requested; 5. inorganic colors and organic dyes—recommended 90 percent of amount requested; 6. carbon removing compounds—requests recommended 100 percent except where requests were appreciably higher than previous consumption. Potassium Chlorate:—Requests for matches recommended 90 percent of adjusted base period consumption; commercial explosive requests supplied in full; chemical heat pad requests for potassium chlorate recommended be denied. Alternate substitute available. Potassium Perchlorate:—Mining explosive requests supplied in full; transportation flare requests supplied in full.

Citric Acid.—Quarterly allocation. Data not available at this time. Will be reported later.

Coaltar.—Permission granted for use of crude coal tar (under Order M-297) as substitute for fuel oil where the latter is not available; where relief is required for disposition of tar; and where crude tar is essential for specific purposes.

Cresols and Cresylic Acid.—Allocations for the month of October are as follows (adjustments made for inventories; other variations due to specific grades involved:—Orthocresol (domestic).—Allocated for plastics; agricultural insecticides; chemical manufacturing. Denied for coumarin manufacturing. Domestic Metaparacresol and Cresylic Acid.—Allocated for tricresyl phosphate; ore flotation; plastics (54 percent); medicinals, preservatives; miscellaneous uses. Denied for textile agents; cleaning compounds; USP cresol and cresylic disinfectants; carbon remover; and all other civilian uses. Imported Metaparacresol and Cresylic Acid.—Allocated for tricresyl phosphate; plastics; carbon remover, 403,000 pounds; disinfectants (100 percent); textile agents (100 percent); miscellaneous uses 41,000 pounds. Petroleum Cresylic Acid.—Allocated for tricresyl phosphate; ore flotation; plastics; carbon remover, 56,000 pounds; disinfectants, 135,000 pounds; miscellaneous uses, 150,000 pounds.

Diacetone.—Requests for civilian uses for October were allocated as follows:—Brake fluid, 110,830 pounds; lacquers and thinners, 9,383 pounds; plastics, 2,475 pounds; shoe adhesives, 68,802 pounds.

Dichlorethylether.—This order has been revoked.

Dichlorostyrene.—No allocations for non-military uses.

Diphenylamine. — The requirements for diphenylamine for both September and October have been less than production capacity; although a seasonal increase in demand is expected shortly it has not been possible to build up or maintain any significant inventory in the hands of suppliers. No serious trouble is expected, however, as customers inventories are in a good condition.

Ethyl Cellulose.—Allocated as follows:—1, sterilizable adhesive bandage, 100 percent of request; 2, photostripping solution, 100 percent of previously established usage; 3, heat sealing lacquer for dehydrated foods, 100 percent of request; 4, ceramic labeling compound, 100 percent of previously established usage.

Emetine.—End use for medicinal only. Granted 100 percent of requests.

Ethyl Acetate—for protective coatings.—The following civilian end uses were allowed for October:—Aircraft, electrical and communication equipment and containers, packages and accessories, 572,321 pounds; industrial machinery, equipment and tools, health, safety and scientific equipment, printing, printing inks, publishing and engraving accessories, and photographic material and equipment, 394,447 pounds; public transportation, ambulances and new trucks, 155,761 pounds; women's and infants' sanitary wear, non-allergic pillow cases, surgical adhesive tape and plasters, baby carriage cloth, upholstery (vehicle), case cloth for scientific, safety, precision and optical instrument cases, shoes and transmission belting, 674,436 pounds; laundry equipment, refrigerators and coolers, hardware, locks, heating equipment, plumbing baby carriages, clocks, buttons and buckles, map and chart covers and holders, 100,033 pounds. All other civilian uses were denied.

For materials and operating supplies the following end uses were allowed:—Acetic acid concentrate, 60,000 pounds; ethyl acetate aceto, 610,000 pounds; cellulose acetate plastics, 383,988 pounds; cements and adhesives, 184,885 pounds; drugs and pharmaceuticals, 215,310 pounds; denaturants, 318,195 pounds; research and laboratory, 2,070 pounds; resin solutions for fabric cleaning, 52,597 pounds; solvents for cleaning and operating supplies, 17,800 pounds; small order 460,000 pounds.

Ethyl Alcohol.—The following quantities for civilian and industrial purposes were allocated for the fourth quarter:—general coatings and solvents, 79,000 gallons; adhesives, 127,000 gallons; inks and duplicating fluids. 785,000 gallons; nitrocellulose and lacquers, 1,596,000 gallons; shellac and resins, 1,529,000 gallons; toilet preparations and cosmetics, 460,000 gallons; basic medicinal chemicals, 621,000 gallons; drugs and pharmaceutical preparations, 952,000 gallons; food products, 221,000 gallons; vinegar, 1,599,000 gallons; preservatives and cleaning preparations, 97,000 gallons; chemical products (NCO), 1,188,000 gallons; acetaldehyde, 9,751,000 gallons; acetic acid, 3,775,000 gallons; ethers, 916,000 gallons; ethyl acetate, 2,432,000 gallons; ethyl chloride, 5,000,000 gallons; other ethyl esters, 391,000 gallons; ethylene dibromide, 177,000 gallons; nitrocellulose (dehydration), 1,010,000 gallons; manufacture of plastics and synthetic resins. 1,918,000 gallons; mechanical processes and uses, 379,000 gallons; other products and uses, 157,000 gallons.

Suppliers and distributors were authorized to make deliveries of alcohol to users who filed properly executed certificates under the several paragraphs of Order M-30, C-1, 1,429,000 gallons; C-2, 492,000 gallons; C-3, 36,000 gallons; C-4, 584,000 gallons; C-5, 186,000 gallons; C-6, 26,000 gallons; D-1, 1,862,000 gallons.

Furfural.—All civilian requests were granted in full.

Gasoline Gum Inhibitors.—Allocated 100 percent for the month of October.

Glycols.—Ethyleneglycol:—All civilian requests for the manufacture of anti-freeze and cellophane were allowed according to previously arranged schedules. Requests for chemical manufacture were cut 10 percent.

—*Continued on page 34*

Mr. Jones

successor to Cleopatra

No one ever called Mr. Jones handsome, but women by the hundreds of thousands have lost their heads over his "line," *that is,* his line of beauty preparations.

Why *his* brand in preference to his competitors? Because "Jonesy," *like Cleopatra,* realized that there was sales magic in an unforgettable fragrance.

In brief, Jones turned to the Essential Oil Industry to odor-style his line. The result – beauty preparations with more positive odor personality, more sales appeal, more definite product identity.

Today, hundreds of enterprising Joneses look to MAGNUS, MABEE & REYNARD, INC., *one of America's great suppliers of Essential Oils and Basic Perfume and Flavor Oils* to provide countless products: powders and paints, pickles and pate de foie gras, lollipops and lipsticks, pills and pest killers with the spark of odor or flavor personality necessary to build consumer preference.

Apparent, as manufacturers gird for the inevitable scramble for post-war markets, are *new, sales-stimulating* uses of Essential Oils. A cod liver oil tablet manufacturer uses a flavor oil to mask the former sales-retarding "fish" taste of his product. A writing ink maker gives his product a floral scent to intrigue female buyers. A magazine of the great outdoors plans to print on pine-scented paper with deodorized ink. A glue manufacturer readies a de-smelled adhesive. A shoe polish producer plots the promotion of a pleasantly perfumed shoe milk.

For producers who perceive, *in the medium of Essential Oils,* new sales horizons for products of today . . . *and tomorrow,* MM&R laboratory technicians offer their cooperation. This service is complimentary.

MAGNUS, MABEE & REYNARD, INC.

QUALITY ESSENTIAL OILS, BALSAMS, AROMATIC CHEMICALS, BASIC PERFUMES, FLAVORING MATERIALS . . . SINCE 1895

16 DESBROSSES STREET, NEW YORK CITY • 221 NORTH LASALLE STREET, CHICAGO

San Francisco: Braun-Knecht-Heimann-Co. • Los Angeles: Braun Corp. • Seattle, Portland, Spokane: Van Waters & Rogers, Inc. • Canada: Richardson Agencies, Ltd., Toronto

Current Market Quotations Chemicals and Related Materials

October 20, 1944

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

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A

Acacia (see Gum, Arabic).
Acetaldehyde,[4,6] 99%, dms., 55 gals., works..lb. .11 - —
5 and 10 gls., works.....lb. .14 - —
Acetaldol (see Aldol).
Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib., dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50
Acetanilide, tech., cryst., bbls..lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
kgs.....lb. .37 - .39
powd., bbls.....lb. .34 - .35
kgs.....lb. .35 - .37
Acetic anhydride,[6] dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —
Acetoacetanilide, bbls., dms....lb. .49 - .67
Acetone, CP,[1,6] dms., c.l., divd. E.*..lb. .08 - —
l.c.l., divd. E.*.....lb. .08½- —
tanks, divd. E.*.....lb. .07 - —

* OPA ceiling for East; Western ceiling, ½c. per lb. higher.

Methyl (see M).
Acetonitrile, dms., c.l., works..lb. .60 - —
l.c.l., works.....lb. .75 - —
5-gal. lots, works.....lb. .80 - —
less than 5-gal. lots, works, lb. .90 - —
Acetophenetidin, bbls., kgs., 1,000-lb. lots..lb. 1.00 - —
dms.....lb. 1.08 - 1.10
Acetophenone, cns., dms.....lb. 1.55 - 1.60
Acetyl chloride, cbys., works..lb. .60 - —
Acid, abietic, dms., c.l., wks...lb. .07½- —
Acetic,[1,6] com'l or redist., 28% bbls..100 lbs. 3.33 - 3.63
56%, bbls.....100 lbs. 5.58 - 5.83
70%, bbls.....100 lbs. 6.68 - 6.93
80%, bbls.....100 lbs. 7.47 - 7.72
99.5%, nat'l, bbls.....100 lbs. 9.15 - 9.40
glacial, nat., c.p., dms., works..100 lbs. 12.50 -13.25
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks.....100 lbs. 6.93 - 7.25
synth., bbls., works.....100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - 7.25
USP, dms., works.....100 lbs. 10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.26 - 9.51

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic, anhydride,[6] (see Acetic anhydride).
Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb. lots..lb. .45 - —
smaller lots, same basis..lb. .46 - .59
Standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
smaller lots, same basis. lb. .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic,[6] fib. dms., works.....lb. .31 - —
Aminoacetic, USP (see Glycine).
Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —
Arsenous,[6] tech. (see Arsenic, White).
USP, powd., dms., kgs.....lb. .20 - .22
Ascorbic,[1,6] USP, dms., 500-kilo lots..kilo. 24.50 - —
30-kilo lots.....kilo. 25.00 - —
10-kilo lots.....kilo. 25.35 - —
2½-kilo lots.....kilo. 25.70 - —
1-kilo lots.....kilo. 26.41 - —
bots. 500-gram.....kilo. 27.47 - —
Battery, cbys., c.l., E. works. 100 lbs. 1.60 - —
10-25, E. works.....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up....lb. .54 - —
1,000 to 3,900 lbs. up....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Betaoxynaphthoic, bbls. works. lb. .95 - —
Boric,[3] tech., 99.5% cryst., (same as prices for powder), gran., bgs., c.l., frt. alld.. ton. 99.00 - —
ton lots, ex whse..ton. 111.00 - —
less than ton lots, ex whse..ton. 116.00 - —
bbls., c.l., frt. alld..ton. 109.00 - —
ton lots, ex whse..ton. 121.00 - —
less than ton lots, ex whse..ton. 126.00 - —
bulk, frt. alld.....ton. 95.50 - —
powd., bgs., c.l., frt. alld., ton. 104.00 - —
ton lots, ex whse..ton. 116.00 - —
less than ton lots, ex whse..ton. 121.00 - —
bbls., c.l., frt. alld...ton. 114.00 - —
ton lots, ex whse..ton. 126.00 - —
less than ton lots, ex whse..ton. 131.00 - —
USP $25 per ton higher.
Butyric, 99%, dms., c.l., works. lb. .29 - —
l.c.l., same basis.....lb. .30 - —
Broeners, bbls.....lb. 1.11 - —
Cacodylic, 5-lb. bots.....lb. 22.00 - —
Acid, camphoric, cns.....lb. 6.95 - 7.00
Capric, tech., ret. dms.....lb. .21½- .22
Caprylic, tech., ret. dms....lb. .27 - .27½
Castor oil,[8] split, ret, dms...lb. .20¾- .21¼
Chlorosulphonic, dms., c.l., wks., lb. .03 - —
l.c.l., works.....lb. .03½- .04½
tanks, works.....lb. .02½- —
Chromic,[6] 99½-99¾%, dms., c.l., lb. .16¼- —
l.c.l. .....lb. .16¾- .18¼
Cinnamic, refd, bots.....lb. 3.50 Nom.
Citric,[1,6] anhyd., gran., dms., c.l..lb. .22½- —
10,000 lbs., 1 ship't....lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs.....lb. .24 - —
cryst., gran., bbls., c.l....lb. .20 - —
10,000 lbs., 1 ship't...lb. .20½- —
smaller lots.....lb. .23 - .24
kgs.....lb. .21½- —
Powd. citric acid, ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1,8] dist., dms....lb. .15½- .17½
Corn oil, s.d., dms., c.l., works. lb. .12 - —
Cottonseed oil,[1,8] s.d., dms., c.l...lb. 12 - —
tanks, divd.....lb. .14¼- —
Cresylic,[2,8] (coaltar), high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis....gal. .83 - —
tanks.....gal. .75 - —
(Petroleum), heavy grade (247°-298°), 20 dms., Cal. ref...gal. .490 - —
Sewaren, N. J., ref..gal. .616 - —
1-19 dms., Cal., ref....gal. .510 - —
Sewaren, N. J., reg..gal. .636 - —
tanks, divd.....gal. .586 - —
light grade (209°-246°), tanks, Cal. ref..gal. .690 - —
medium grade (220°-246°), 20 dms., Cal. ref..gal. .550 - —
Sewaren, N. J., ref.gal. .636 - —
1-19 dms., Cal. ref....gal. .570 - —
Sewaren, N. J., ref..gal. .696 - —
tanks, divd.....gal. .646 - —
Diethylbarbituric (see Barbital).
F (see Acid, Monosulphonic).
Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l. .....lb. .11 - .11½
Fumaric, tech., bbls., dms...lb. .27 - .31
Gallic, NF VII, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.13
Gamma, bbls.....lb. .85 - —
Gluconic, bbls., 500 lbs.....lb. .19 - —
dms.....lb. .21 - .23
kgs., 100 lbs.....lb. .14 - .15
Glutamic hydrochloride, dms., lb. 2.00 - 2.40

Glycolic (see Hydroxyacetic).

H, bbls.....lb. .45 - —
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57% bots.....lb. 2.90 - —
Hydrobromic, conc., cbys....lb. .35 - —
dil., cbys.....lb. .20 - —
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, anhyd.,[6] cyls., works..lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works...lb. .08 - .09
48%, rubber dms., works...lb. .12 - —
52%, rubber dms., works...lb. .12½- —
60%, rubber dms., works...lb. .13½- —
Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return., Phila..lb. .084 - —
tanks, works, basic acid content..lb. .08½- —
Hypophosphorous, USP, djns., lb. .75 - .80
Lactic,[6] edible, 50%, cbys., 20 or more..lb. .12½- —
5 to 19.....lb. .13 - —
1 to 4.....lb. .13¼- —
80%, bbls., cbys., 5 or more. lb. .24½- —
1 to 4.....lb. .24¾- —
plastic grade, bbls., cbys., 20 or more..lb. .14¼- —
5 to 10 cbys.....lb. .14¾- —
1 to 4 cbys.....lb. .15¼- —
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works.... 100 lbs. 6.30 - —
l.c.l., bbls., works..... 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XI, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55
Lauric, dist., tech., dms.....lb. .20 - .20½
Laurent's, bbls.....lb. .45 - —
Linseed oil,[8] light, dms....lb. .21½- .22
Maleic,[6] powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —
Malic, powd., kgs.....lb. .47 - —
Mandelic, dms., 1,000-lb. lots.lb. 2.03 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric unit.....lb. .05 - .06
sulphuric, unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., 85%, bbls..lb. .17 - —
purified, bbls.....lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24 works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.95 - —
Acid, muriatic, 20°, cbys., c.l., E. works..100 lbs. 1.75 - —
tanks, E. works.....ton. 22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton. 32.00 - —
CP, USP, consumers, cbys..lb. .08 - —
6-lb. bots.....lb. .19 - —
dealers, cbys.....lb. .06½- —
6-lb. bots.....lb. .17½- —
Myristic, dist., dms.....lb. No stocks
Naphthenic,[6] 210-220 acidity, dms., extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —
230-245 acidity, dms. extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —
Nicotinic,[6] dms., 50-kilo lots up, kilo. 7.00 - —
10-kilo lots.....kilo. 7.10 - —
2½-kilo lots.....kilo. 7.20 - —
1-kilo lots.....kilo. 7.30 - —
Nicotinic amide (see Nicotinamide).
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys..lb. .13 - —
7-lb. bots.....lb. .23 - —
dealers, cbys.....lb. .11¼- —
7-lb. bots.....lb. .21½- —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11½- —
smaller lots.....lb. .12¼- —
Palm oil,[8] white, dist., dms..lb. No stocks
tanks.....lb. No stocks
Para-aminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinmetasulphonic, bbls., f.o.b. works..lb. .80 - —
Peanut oil,[1] s.d., tanks, divd., lb. .11¼- —
Phenylacetic, bots.....lb. 1.85 - 3.00
Phosphoric,[6] pure, food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., works, frt. equald, 100 lbs. 4.35 - 4.60
l.c.l., 10 or more, works, frt. alld..100 lbs. 5.25 - 6.25
1 to 9 cbys., works, frt. alld..100 lbs. 6.25 - 7.25
tankwagon, divd. N. Y., Phila., Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., works, frt. equald, 100 lbs. 5.10 - 5.35
l.c.l., 10 or more, works, frt. alld..100 lbs. 7.00 - 8.50
1 to 9 cbys., works, frt. alld..100 lbs. 8.00 - 9.50
tankcars, works, frt. equald..100 lbs. 4.00 - 4.25
tankwagon, divd. N. Y., Phila. Met. area..100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l.....lb. .10¼- —
10 cbys. to c.l.....lb. .11½- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10½- —
23 cbys. to c.l.....lb. .11½- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
10% dilut., cbys., djns....lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, 55-gal., dms., works..lb. .19½- —
tanks, works.....lb. .18½- —
Pyrogallic, tech., bbls.....lb. 1.45 - —
cns.....lb. 1.63 - —
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, bbls., divd. E..gal. .30 - —
Ricinoleic, com'l, split (see Acid, castor oil, split).
Salicylic,[1] tech., bbls., c.l....lb .26 - —
100 lbs. to c.l.....lb .33 - —
smaller lots.....lb .34 - .42
USP, bbls., c.l.....lb .28 - —
100 lbs. to c.l.....lb .35 - —
smaller lots.....lb .36 - .44
Sebacic, tech., dms., works...lb. .55 - .57
Soybean oil,[1,8] s.d., dms.....lb. .16½- .18½
tanks, works.....lb. .11 - —
Stearic,[1,8] double-press, bgs..lb. .15¾- .16¾
single press, bgs.....lb. .15¾- .16¾
triple press, bgs.....lb. .18¾- .19¾
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works..lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 up, works..100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E. works.....ton. 13.00 - —
66°, cbys., c.l., E. works..... 100 lbs. 1.50 - —
tanks, E. works.....ton. 16.50 - —
98°, tanks, works.....ton. 17.50 - —
CP, USP, consumers, cbys.lb. .68 - —
9-lb. bots.....lb. .17 - —
dealers, cbys.....lb. .06½- —
9-lb. bots.....lb. .15½- —
fuming, 20%, tanks, E. works. ton. 19.50 - —
Tannic, tech., bbls., dms....lb. .71 - .73
USP, fluffy, bbls., 1,000 lbs.lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.38
powd., bbls., 1,000 lbs.....lb. 1.13 - —
smaller lots.....lb. 1.15 - —
Tartaric, USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .70½- —
smaller lots.....lb. .71 - —
kgs.....lb. .71½- —
Tobiac, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. pkgs.....lb. 2.86 - —
Aconite leaves, bls.....lb. 1.40 - 1.45
Root, bls.....lb. 1.10 - 1.15
Acetic hydride,[6] dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —
Aconitine, amorph., bots.....oz. 23.00 -28.00
15-gr. vials.....vial 1.00 - —
cryst., bots.....oz. 42.00 -48.00
15-gr. vials.....vial 1.60 - —
Acrylonitrile,[6] dms., frt. alld..lb. .39½- —
5,000 lbs. or more, works..lb. .40 - —
1 ton to 4,999 lbs., works...lb. .40½- —
1 dm. to 1 ton, works.....lb. .41 - —
tankcars, frt. alld.....lb. .39 - —
Adeps lanae,[1,8] USP, anhyd., pharmaceutical, dms., l.c.l., works..lb. .30 - —
cosmetic, dms., l.c.l., works, lb. .31 - —

Adeps lanae prices for primary distributors, f.o.b. St. Louis, 1c. higher.

Agar.....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 3.75 - 4.00
Albumen, blood, dark (see Blood, soluble), light, dms., Chicago.....lb. .65 - .70
egg, edible,[1] powd., bbls....lb. 2.01 - 2.09
granular, cryst., bbls.....lb. 1.96 - 2.04
tech., cryst., bbls.....lb. 1.55 - 1.65
Alcohol, allyl, dms., c.l., divd..lb. .29 - —
l.c.l., divd.....lb. .30 - —
Amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld. E. of Miss R..lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
Benzyl, cns.....lb. .65 - .75
dms.....lb. .63 - —
Butyl, normal,[1,6] ferment, Ill., Ind., prod., dms., frt. alld. lb. .1980- —
l.c.l., frt. alld. E...lb. .2030- —
tanks, frt. alld. E....lb. .1880- —
other production, dms., c.l., frt. alld. E..lb. .1950- —
l.c.l., frt. alld. E....lb. .2000- —
tanks, frt. alld. E....lb. .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E....lb. .12¼- —
tanks, frt. alld. E.....lb. .10¾- —

* Normal butyl alcohol prices West, ½c. per lb. higher.

secondary,[6] dms., c.l., frt. paid E. of Miss..lb. .091 - —
l.c.l., same basis.....lb. .096 - —
tanks, same basis.....lb. .085 - —
tertiary, denat., dms., c.l..lb. .125 - —
l.c.l., dms.....lb. .13 - —
tanks.....lb. .11 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.80 - —
smaller lots.....lb. 1.90 - 2.00
Cinnamic, bots.....lb. 3.00 - —
Denatured,[1,8,6] CD14, dms., c.l., divd. E..gal. .54½- —
19, dms., works, E....gal. .56½- —
1 to 18 dms., works, E..gal. .59½- —
tanks, E., divd.....gal. .50 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., bbls., c.l., E. works..gal. .62 - —
19, bbls., E. works..gal. .64 - —
1 to 18 bbls., E. works, gal. .67 - —
tanks, E. works.....gal. .50 - —
Anhydrous 3c. per gal. higher.
SD2B, bbls., c.l., wks., E.gal. .60 - —
19 bbls., works, E...gal. .62 - —
1 to 18 bbls., works, E. gal. .65 - —
tanks, E. works.....gal. .48 - —
SD23G (replaced by SD28H).
SD23H, works, c.l., bbls..gal. .61½- —
19 bbls.....gal. .63¼- —
1 to 18 bbls.....gal. .66½- —
tanks, E. works.....gal. .49¼- —
SD29, denatured, with acetaldehyde, bbls., c.l., E. works, gal. .62½- —
l.c.l., 19 or more, E. works..gal. .66 - —
1 to 18, E. works..gal. .69 - —
tanks, E. works.....gal. .50½- —

When any of the several SD29 denaturants is supplied by the puchaser, the prices are the same as those for SD2B, plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works..gal. .53½- —
19 dms. to c.l.....gal. .57½- —
1 to 18 dms.....gal. .60½- —
tanks, E. works.....gal. .51 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone,[6] acetone-free, dms., c.l., divd..lb. .11½- .14½
l.c.l., divd.....lb. .11¾- .15
tanks, divd.....lb. .10¾- .12¼
tech., dms., c.l., divd.....lb. .11 - .13½
l.c.l., divd.....lb. .11¼- .14
tanks, divd.....lb. .10 - .12¼
Ethyl,[6] 190 pf., dms., c.l...gal. 17.64½- —
19 dms.....gal. 17.68 - —
1 to 18 dms.....gal. 17.71 - —
tanks.....gal. 17.60 - —
absolute, dms., c.l.....gal. 18.62 - —
18 dms.....gal. 18.65¼- —
1 to 17 dms.....gal. 18.68½- —
Ethylhexyl, dms., c.l., wks..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Furfuryl, tech., cns., works.lb. .35 - —
dms., c.l., works.....lb. .22½- —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .20 - —
Isoamyl (see Carbinol isobutyl).
Isobutyl,[6] refd., dms., works.lb. .0880- —
tanks, works.....lb. .0760- —
Isopropyl,[2,6] refd., 91%, dms., 5 gals., divd....gal. .66½- —
55 gals., c.l., divd....gal. .39 - —
l.c.l., divd.....gal. .43¼- —
tanks, frt. alld.....gal. .34 - —
99%, dms., 5 gals., divd.gal. .65 - —
55 gals., c.l., divd....gal. .44 - —
l.c.l., divd.....gal. .47 - —
tanks, frt. alld.....gal. .37½- —
Methyl (see Methanol).
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, bots., cns....lb. 2.10 - 2.50
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis. lb. .60 - .63
Propyl, normal, dms., wks..gal. .67 - .76

Wartime Status of Materials

Applications of WPB and OPA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling
[2]—Price agreement (sellers with OPA)
[3]—General Limitation Order (L order)
[4]—General Preference Order (M order)
[5]—Conservation Order (M order)
[6]—Allocation

Alcohol, tetrahydrofurfuryl, dms., c.l., Waverly, N. Y..lb. .40 - —
smaller lots, same basis..lb. .44 - —
cns., Cedar Rapids, Ia.....lb. .55 - —
Aldol, dms., works.....lb. .13 - .15
denat., grd., dms.....gal. 1.20 - —
Aletris root, bgs.....lb. 2.50 Nom.
Algin, bbls., fib. dms.....lb. .76 - 1.00
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. No stocks
Allspice,[1] Mexican, bgs.....lb. .17½- .18
Aloe, Cape, cs.....lb. .29 - .30
Curacao, kgs.....lb. .65 - .80
Socotrine, kgs.....lb. .55 - .60
Aloin, bbls., dms., kgs.....lb. 5.45 - 5.54
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .28½- .28½
Alphapinene, dms., c.l., wks.gal. .84½- —
l.c.l., works.....gal. .87 - —
tanks, works.....gal. .81½- —
Alphaterpineol, dms., c.l., works, lb. .1340- —
l.c.l. .....lb. .1390- —
tanks .....lb. .1200- —
Alphatocopherol, amp.....gram. 1.00 - 1.10
Althea root, bls.....lb. .60 - .65
Alum, ammonia,[2] burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works...100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works...100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works...100 lbs. 4.40 - —
dlvd., N. Y..100 lbs. 4.40 - —
Potash, gran., bbls., wks.100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works...100 lbs. 4.50 - —
dlvd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works...100 lbs. 4.65 - —
dlvd., N. Y., Phil..100 lbs. 4.65 - —
Potash-chrome, bbls.....lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina, ground, classified, grade, kgs., works..lb. .35 - .40
top grade, ground, kgs., works, lb. .60 - .67
unclassified, ground, kgs., works..lb. .10½- .46
Acetate, basic solut., 24%, bbls., dlvd..lb. .10½- .11
solut., 20%, bbls., dlvd...lb. .09½- .10
Chloride, anhyd.,[2] com'l, bbls., c.l., works..lb. .08 - .08½
l.c.l., works.....lb. .09 - .12
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- .06¾
solut., 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Fluoride, tech., bbls.....lb. .25 - —
Hydrate,[2] heavy, bgs., c.l., works..lb. .024 - .031
bbls., c.l., works.....lb. .027 - .034
l.c.l., works.....lb. .04 - —
light, bgs., dlvd.....lb. .14½- —
bbls., dlvd.....lb. .15 - —
Hydroxide, gel, tech., min. 15% AOH_3, dms., 10,000 lbs. or more, f.o.b. ship't point..lb. .03 - .03¼
ton lots, same basis...lb. .03 - .03¼
smaller lots, same basis, lb. .03¾- .04
USP purity, conc., 9-9½% Al_2O_3, fib. dms., works, lb. .17¾- —
contract, works.....lb. .16¾- —
14-15% Al_2O_3, fib. dms., works..lb. .20¾- —
contract, works.....lb. .19¾- —
dried, USP XII, fib. dms., works..lb. .75 - —
contract, works.....lb. .75 - —
powder, tech. (see Alumina hydrate).
USP IX, bbls., dms.....lb. .15 - .17
Laurate, prec., bbls.....lb. .25 - .26
Naphthenate, 1.7%, A1, 50-gal. dms., works..lb. .18¾- —
Oleate, dms., contract.....lb. .24½- —
Resinate, precip., dms.....lb. .15¾- —
Stearate, precip., bbls., c.l...lb. .23 - —
l.c.l.....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald., 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald. 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works... 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.10 - —
trihydrate, heavy bgs., wks., lb. .024 - .035
Aluminum, 98-99%[2,3,4], c.l....lb. .15 - —
l.c.l. .....lb. .15 - .16
paste, lining, extra fine, 200-dm..lb. .66 - .69
ink, 150-lb. dm.....lb. .71 - —
standard, 200-lb. dm.....lb. .58 - —
powder, lining, extra fine, 150-lb. dm..lb. .93 - —
litho, 150-lb. dm.....lb. .57 - —
standard, 200-lb. dm.....lb. .59 - —
rubber comp., 200-lb. dm...lb. .40 - —
unpolished, stand., 250-lb. dm. lb. .36 - —
varnish, stand., 300-lb. dm.lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c per lb for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris gray, tins.....oz.13.50 - 14.00
Aminomethylpropanol, cns., dms., works..lb. .50 - .60
Aminopyrine, bots., dms.....lb. 4.00 - 4.40
Ammonia,[2] anhydrous, fertilizer, tankcars, works, frt. equald. ton.59.00 - —
refrigeration, tanks, wks..ton.69.00 - —
pure, cyls.....lb. .16 - —
Aqua, 26°, cbys.....lb. .06¼- —
dms., c.l.....lb. .02¼- —
l.c.l.....lb. .02½- —
tanks, works (NH_3 content). ton.65.00 - —
Benzoate, USP, dms., kgs., 4,000 lbs. up, frt. alld...lb. .43 - —
smaller lots, frt. alld...lb. .44 - .47
Bicarbonate, dms., c.l.....lb. .0564- —
Bichromate, bbls.....lb. .23 - .25
Bifluoride, bbls.....lb. .15 - .17
Borate, gran., bbls, kgs.....lb. .1080- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .31 - .35
dms.....lb. .32 - .36
Carbonate, lump, dms.....lb. .08½- .09¼
cns.....lb. .14¾- .17¾
powdered 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, grs.n., bbls., dms., kgs.. lb. .13 - .15
Ammonia citrate, dibasic, bbls., lb. .75 - —
Fluoride, bbls.....lb. .18 - .20
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms....lb. 1.25 - 1.27
jars.....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars.....lb. 3.65 - —
Linoleate, 50%, anhyd., bbls.lb. .12 - —
Molybdate,[2] c.p., cryst., kgs.lb. 1.26 - 1.28
fine cryst., bbls., kgs.....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1,2] fertilizer grade, Canadian, 32.5 nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate.
domestic, bgs., c.l., shipping points..ton.50.00 - —
bulk, same basis.....ton.46.00 - —
tech, bgs., works.....100 lbs. 4.35 - 5.50
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, purif., gran., bbls., kgs..lb. .27 - .33
Perchlorate, kgs.....lb. .55 - .65
Persulphate, kgs.....lb. .25½- .28½
Phosphate, libasic, NF V, bbls., kgs..lb. .31 - .39
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - .08½
monobasic, pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07¾- —
l.c.l. .....lb. .08 - .08¼
Salicylate, NF, dms., kgs...lb. 1.15 - 1.18
Silicofluoride,[2] bbls.....lb. .15 - .18
Stearate, anhydrous, dms....lb. .34 - —
paste, dms.....lb. .18½- —
Sulphamate, bbls., works....lb. .18 - .24
Sulphate,[1,2] dms., bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports...ton.29.20 - —
Sulphide, liquid, 45%, basis 100%, dms, c.l., works..lb. .07½- —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07¼- —
red, 45%, cbys., works.....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .06 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .55 - —
jars.....lb. .97 - —
tech., bbls.....lb. .17 - .19
Thioglycolate, 100%, bbls....lb. 7.10 - —
Ammoniac gum (see Gum, ammoniac).
Sal, gray, bbls., c.l., works... 100 lbs. 5.50 - 5.75
l.c.l., same basis..100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works, 100 lbs. 4.45 - —
l.c.l., same basis..100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .12½- .17
l.c.l., dlvd.....lb. .13 - .17½
tanks, dlvd.....lb. .11½- .16
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .13½- —
l.c.l., same basis.....lb. .16¼- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .75 - .90
Caproate, dms.....lb. 2.75 - —
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .09½- —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .06½- —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms., works....lb. 1.10 - —
Oleate, dms., works.....lb. .31 - —
Salicylate, bots.....lb. .80 - 1.25
Stearate, dms., works.....lb. .42 - —
Amylene, dms., c.l., works....lb. .10½- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Amylnaphthalene, mixed, crude, dms., works..lb. .14 - —
refd., dms., works.....lb. .16 - —
Anethol, com'l, dms., works...lb. .657 - .662
NF, bots.....lb. 2.10 - 2.35
cans.....lb. 1.90 - 2.25
Angelica root, dom., bls.....lb. .80 - .85
Angostura bark, bls.....lb. .20 - .21
Anilin[2] oil, dms., c.l., works, frt. alld..lb. .11½- —
l.c.l., works, frt. alld....lb. .12½- —
tanks, works, frt. alld.....lb. .10½- —
Salt, dms., works.....lb. .22 - .24
Anise,[1] Cyprus, bgs.....lb. .28½- .30
Bulgarian, bgs.....lb. .29 - .29½
Mexican, recleaned, bgs.....lb. .18½- .19
Syrian, bgs.....lb. .20½- .21
Turkish, bgs.....lb. No stocks
Anisic aldehyde, bots.....lb. 2.90 - 3.00
Annatto,[2] paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .08½- —
Anthracene, 80-85%, bbls., works, lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinine, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,4] bulk, c.l., works...lb. .14½- .17½
Needle,[1] Bolivian, brown, 67%, cs..lb. .18½- —
Chinese, black, 70%, cs.....lb. .20 - .22
Antimony oxide,[1,5] bgs., ceramic grade, c.l..lb. .15 - —
l.c.l. .....lb. .15½- —
paint grade, c.l.....lb. .16¾- —
l.c.l. .....lb. .16¾- —
Salt,[1] 65%, bbls., dlvd. E. of Miss. River..lb. .40 - —
Sulphide,[1] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. .17½- —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz. 23.20 -23.70
Apple syrup,[1] bbls.....lb. .16 - .16½
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .23 - .24
Arecoline hydrobromide, bots..oz.12.25 - —
Argols, min. 70% bgs., Argentine port, 100 kilos, 100% purity.70.00 -72.00
Arnica flowers, bls.....lb. 2.40 - 2.50
Arrowroot, powd., bgs., bbls..lb. .10 - .10½
Arsenic,[6] metal, lump, c.l....lb. No prices
Chloride (arsenous), bots....lb. 1.35 - —
Iodide (arsenous), 5-lb. bote.lb. 5.58 - —
jars.....lb. 5.43 - —
Sulphide, yellow, bbls.....lb. .52 - .55
bots.....lb. .60 - .64
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04¾- —
Asafetida, cs.....lb. .45 - .68
powd., bbls., dms.....lb. .55 - .82
Asbestine (see Talk, N. Y. fibrous).
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Canad. mines. ton.49.50 - —
5R, bgs., same basis.....ton.44.60 - —
6D, bgs., same basis.....ton.35.00 - —
7D, bgs. same basis.....ton.28.50 - —
7F, bgs., same basis.....ton.26.50 - —
7H, bgs., same basis.....ton.22.50 - —
7K, bgs., same basis.....ton.19.00 - —
7M, bgs., same basis.....ton.16.50 - —
7R, bgs., same basis.....ton.15.50 - —
Asphaltum, Manjak No. 10, crude, dms., works..lb. .05½- .12
process form, bgs., wks.lb. .05¾- .13
jet, bgs. 2,000 lbs., gross weight Colo. mines..ton.30.50 - —
Barbados, Dunellen, N. J...lb. .10½- —
California, dms., c.l.....ton.36.40 - —
l.c.l. .....ton.41.40 - —
Cuban A, bulk, c.l., N. Y.....ton.60.00 - —
l.c.l., same basis.....ton.90.00 - —
B bulk, c.l., N. Y.....ton.38.50 - —
l.c.l., same basis.....ton.55.00 - —
Asphaltum, Egyptian, substitutes, bgs., l.c.l., refinery N. J. or Ill..lb. .08 - —
Gilsonite, brilliant black, selects, 340° F. fusing point, bgs., mines..ton.32.90 - —
290-295° F. fusing point, bgs., mines..ton.30.50 - —
270° F. fusing point, bgs., mines..ton.30.50 - —
seconds, 370-390° F. fusing point, not uniform, bgs., mines..ton.25.50 - —
300-330° F. fusing point, not uniform, bgs., mines, ton.25.50 - —
jet, bgs., ton lots, gross wght., Colo. mines..ton.30.50 - —
Mexican, ref'd., dms., c.l., Texas refy..ton.21.00 - —
l.c.l., same basis.....ton.21.00 -23.00
tanks, same basis.....ton.16.00 - —
Atropine, bots.....oz. 7.85 - —
Sulphate, bots.....oz. 6.50 - 6.75

B

Balm of Gilead buds, bgs.....lb. 1.05 - 1.15
Barbasco root,[2,6] (see Cube root).
Barberry, root bark, bgs.....lb. No stocks
Barbital, dms.....lb. 3.50 - 3.60
sodium, dms.....lb. 3.75 - —
Barium[6] carbonate, natural, 99% thru 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
bbls., c.l., works.....ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate,[6] kgs.....lb. .26 - —
Chloride, CP, cryst., bbls.....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst., bgs., c.l., works, ton73.00 - —
l.c.l., same basis.....ton.78.00 - —
bbls., c.l., same basis..ton.75.00 - —
l.c.l., same basis.....ton.80.00 - —
Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works....lb. .09½- .11
l.c.l., works.....lb. .10 - .11½
Oxide, dms., c.l., works.....lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15
Peroxide (see Dioxide)
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up.....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls.....lb. .09¼- .10
kgs.....lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis.ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y.....ton.34.00 - —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
Ore, approx. 94% Ba So_4, bulk, mines..ton. 8.50 - —
Bauxite,[6] blk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .18
Belladonna leaves, bls.....lb. .90 - .95
Root, bls.....lb. 1.50 - 1.55
Bentonite, 200 mesh, bgs., works, ton.11.00 - —
325 mesh, bgs., works.....ton.16.00 - —
Benzaldehyde,[6] NF, dms.....lb. .85 - 1.25
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.20 - 3.55
Benzol,[6] (benzene), pure, nitration and 90%, dms., works, gal. .20 - —
tankcars, E. of Omaha, frt. alld. up to 2c. per gal..gal. .15 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .28 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .59 Nom.
dms.....lb. .55 Nom.
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., dms.lb. 1.00 - 1.10
Chloride, cbys., frt. equald..lb. .22 - .24
Cinnamate, cns.....lb. 5.15 - 5.50
Formate, cns.....lb. 3.00 - 3.50
Isoeugenol, cns.....lb. 9.00 - —
Propionate, bots.....lb. 1.85 - 2.50
Salicylate, bots.....lb. 1.90 - 2.15
Benzylidinacetone, bots.....lb. 2.00 - 2.50
Berberine bisulphate, cns.....lb. No stocks
Hydrochloride, bots.....lb. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .28 - .30
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works....lb. .26 - —
l.c.l., works.....lb. .24 - —
Benzoate, fib. dms., works..lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., works, lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., wks..lb. 1.90 - —
l.c.l., same basis.....lb. 1.85 - —
95%, same basis.....lb. 2.05 - —
98-99%, same basis.....lb. 2.20 - —
Beth root, bls.....lb. .45 - .46
Bismuth[6] chloride, bots.....lb. 3.00 - —
jars.....lb. 2.85 - —
Citrate, USP VIII, bots.....lb. 2.81 - 2.86
jars.....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns.....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.46
cns.....lb. 1.30 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., kgs.....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms. bots., cns.....lb. 1.50 - 1.53
lb. 1.59 - 1.63
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.43
Subiodide, bots.....lb. 4.19 - 4.26
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.23
bots.....lb. 1.29 - 1.33
Subsalicylate, USP, 62 - 66%, bbls., fib. dms..lb. 2.50 - —
bots., cns.....lb. 2.51 - 2.59
Sulphocarbolate, bots.....lb. 3.71 - 3.76
fib. dms.....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms..lb. 3.40 - —
cns.....lb. 3.45 - 3.50
Bisphenol-A, bgs., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
Black, acetylene,[2] bgs., c.l., works..lb. .14 - —
l.c.l., same basis.....lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld 2..lb. .17 - —
2, bgs., bbls., c.l., same basis, lb. .13 - —
3, bgs., bbls., c.l., same basis, lb. .11 - —
4, bgs., bbls., c.l., same basis, lb. .08½- —
400A, bgs., bbls., c.l., same basis..lb. .08½- —
457, bgs., bbls., c.l., same basis..lb. .11½- —

Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.

Carbon,[6] heads, compressed, bgs., c.l., works..lb. .08550- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .07½- —
regular, uncompressed, bgs., c.l., works..lb. .08625- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .08 - —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08½- —
Lamp, 1, ctns., works.....lb. .08½- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .13½- —
3, ctns., c.l., works.....lb. .14½- —
l.c.l., works.....lb. .15½- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .26 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls.....lb. .04½- .06
B, bbls.....lb. .05¾- —
kegs.....lb. .06 - —

Black dyes listed under Dyes.

Black haw root bark, bls.....lb. .95 - 1.00
Tree bark, bls.....lb. .40 - .45
Black Indian hemp root, bls..lb. .50 - .55
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.50 - —
direct process, bgs., c.l., works, ton.70.00 - —
l.c.l., works.....ton.75.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 66⅔%, bbls., c.l., works, ton.40.00 - —
l.c.l., same basis.....ton.46.50 - —
Bleaching powder,[2,6] dms., c.l., works..100 lbs. 2.50 - 2.10
l.c.l., works.....100 lbs. 2.75 - 2.60
Blood,[1] dried, 16-16½% ammon., bgs., unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago., unit-ton. 5.53 - —
soluble, bgs., c.l., Chicago...lb. .18½- —
smaller lots, Chicago.....lb. .18 - .20
Bloodroot, bls.....lb. .70 - .80
Blue,[1] alkali, dry, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. 1.75 - —
toner, bbls., same basis..lb. .85 - .90
Celestial, bbls., same basis..lb. .10 - .12
Cobalt,[6] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis, lb. 3.50 - 3.75
80%, bbls., same basis....lb. 3.00 - —
green shade, bbls., same basis..lb. 4.50 - 4.70
Iron, Chinese, bbls., same basis, lb. .36 - —
Milori, bbls., same basis...lb. .36 - —
Prussian, bbls., same basis, lb. .36 - —
soluble, bbls., same basis..lb. .36 - —
Molybdated, Victoria, same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent, toner, green shade, molybdic..lb. 3.50 - —
tungstic.....lb. 4.00 - —
Potash, CP, bbls., same basis, lb. .43 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, dry or pulp, cobalt grades, bbls., same basis..lb. .26 - .27
job grades, bbls., same basis, lb. .12 - .13
reg. grades, bbls., same basis, lb. .17 - .27
Victoria, toner,[1] molybdic, bbls., tungstic, bbls.....lb. 3.15 - —
ink toner, bbls., same basis, lb. 1.83 - —
syn. vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —
tungstic, kgs., same basis..lb. 2.10 - —

Blue dry colors, dlvd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss.; N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.

Blue dyes are listed under Dyes.

Blueflag root, bls.....lb. No stocks
Blue mass, NF, cns., tubs....lb. 1.29 - 1.46
powd., bots., cns., dms.....lb. 1.32 - 1.46
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, bulk, Chicago....ton.57.50 -65.00
junk, bulk, same basis....ton.35.00 - —
meal, 4½% ammon., 50% phos., bgs., E. works..ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 66% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.50.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works, ton.38.50 - —
Chicago, works.....ton.36.00 - —
Precipitated (see Calcium phosphate tribasic, precip.).
Phosphate, defluorinated (see D).
Boneset leaves, bls.....lb. .16 - .17
Borage flowers, bls.....lb. .45 - .60
Borax,[2] tech., 99¼%, gran., bulk, c.l., frt. alld....ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld....ton.55.00 - —
ton lots, ex whse...ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —

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ACETALDEHYDE
We have nineteen drums to dispose of at a sacrifice.

BENZOL SUBSTITUTE
Available drums, carloads or tank cars; ask for samples.

CARBON TETRACHLORIDE SUBSTITUTE
Detailed information with samples on request.

CHLOROFORM U.S.P.
In tin lined drums of about 600 pounds net each—for prompt shipment.

CHLOROFORM TECHNICAL
We have this in large drums of about 1000 pounds each.

CREAM OF TARTAR
We aim to have the lowest price and the best quality.

GLUCOSE 44/45° Be′ U.S.P.
Recent arrivals make available certain quantities—packed in casks of about 600 pounds net each. Quotations on request.

HEPTANE
Some 10,000 pounds can be had at a low price.

MALIC ACID
This low cost food acid in powdered form is now available.

MESITYL OXIDE
A powerful solvent for nitrocellulose and ethylcellulose. Also dissolves low-viscoscity cellulose acetate. We will be pleased to furnish samples with quotations.

METHYL METHACRYLATE
We can supply the Monomer in drums, carloads or tank cars — samples on request. Also sizeable quantities of certain grades of Polymer.

MONOSODIUM GLUTAMATE
We have limited quantities available for prompt shipment.

OLEIC ACID
Some 12,000 pounds of this "red oil" to be sold for liquidation of inventory.

POTATO STARCH
Subject to prior sale, we can offer three carloads powder and one carload pearl, all packed in standard uniform bags.

SODIUM BENZOATE U.S.P.
We can assure you of excellent service.

TARTARIC ACID
Again we aim to have the lowest price and the best quality.

YELLOW PRUSSIATE POTASH
Five barrels 370 lbs. net each to be sold for liquidation of inventory.

ZINC CHROMATE PRIMER
About 850 gals. available at a sacrifice —ask for details.

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Chemicals

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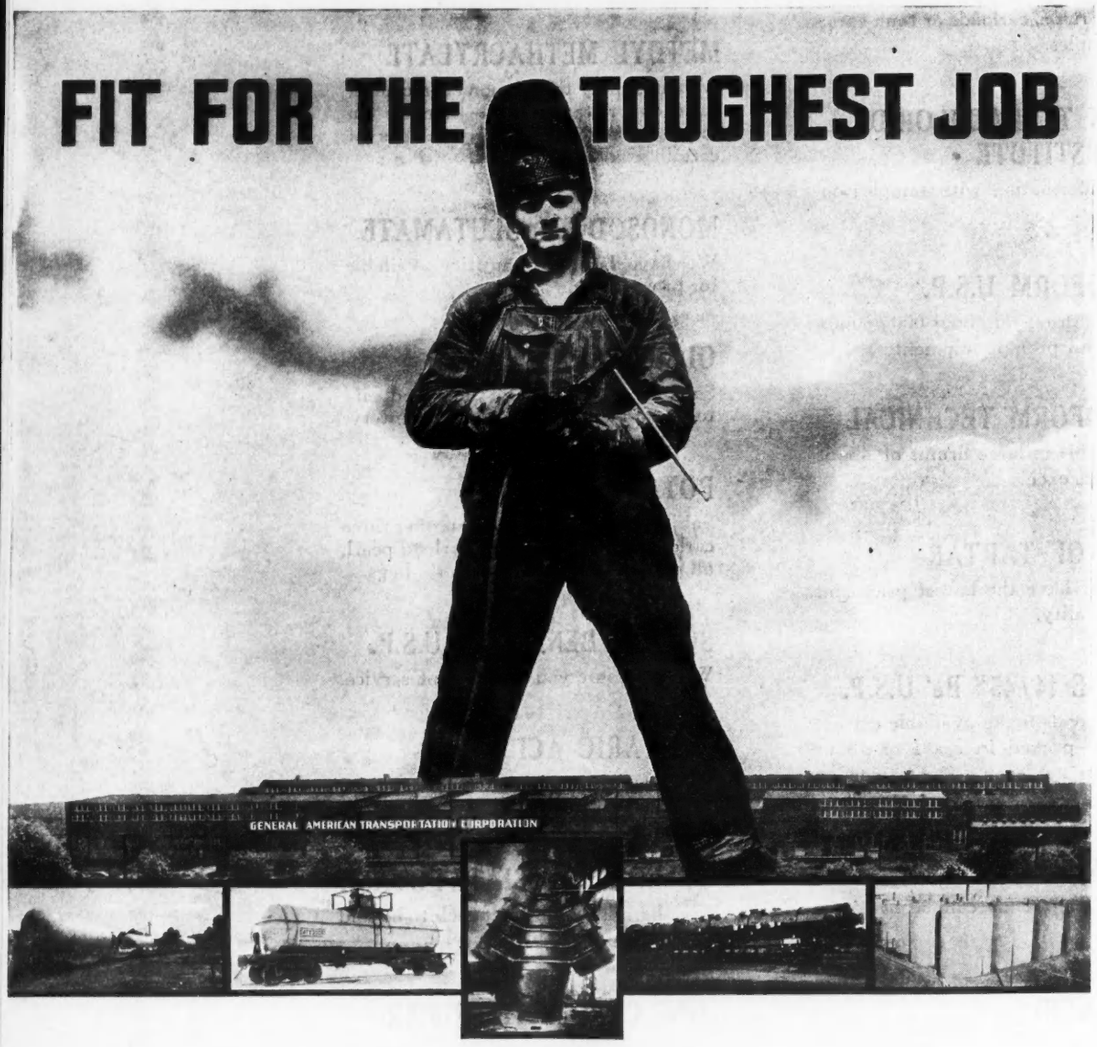
TELEPHONE LEXINGTON 2-3324

Borax, tech., powd., frt. alld., ton 50.00 - —
ton lots, ex whse. ton 61.00 - —
less ton lots, ex whse. ton 60.00 - —
bbls., c.l., frt. alld. ton 60.00 - —
ton lots, ex whse. ton 71.00 - —
less ton lots, ex whse. ton 76.00 - —
USP, $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld. lb. .11 - —
l.c.l., same basis. lb. .11½ - —
Bornyl thiocyanoacetate (see Isobronyl thiocyanoacetate).
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies. lb. .25 - .30
single pkgs., same basis. lb. .30 - .35
Bromoform, USP, bots. lb. 1.50 - —
cbys. lb. 1.42 - —
Bromstyrol lb. 4.30 - 5.00
Bronze powder, aluminum (see A).
gold, litho., cns., dms., works, lb. .60 - .65
moulding, cns., dms., same basis. lb. .80 - 1.00
printing ink, cns., dms., same basis. lb. .85 - 1.20
radiator, cns., dms., same basis. lb. .45 - .50
Broomtop, bls. lb. .13 - .15
Brown,[2] iron-oxide, pure, precip., cks., works. lb. .12 - —
metallic, bbls., c.l., works. lb. .02½- —
Sap, crystals, works. lb. .12 - —
powdered lb. .13 - —
Sienna, burnt, American, bbls., works. lb. .03¾- .05
pap. bgs., c.l., same basis, lb. .0235- —
Italian type, bbls., works. lb. .03¾- .10¾
raw, American, bbls., works, lb. .04 - .10
lb. .04 - .10
Italian type, bbls., works. lb. .08 - .10
Brown, umber, American, bbls., works. lb. .03¾- —
Italian type, bbls., works. lb. .04¾- —
Turkey type, bbls., l.c.l., f.o.b. Boston, Bethlehem, Easton, Pa.; N. Y. lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans. lb. .05¼- —
Minneapolis lb. .0535- —
Pittsburgh lb. .05 - —
ex car, Los Angeles. lb. .05¾- —
Portland, San Francisco, Seattle. lb. .05½- —
ex whse., Los Angeles. lb. .05¾- —
Portland, San Francisco, Seattle. lb. .05¾- —
Vandyke, reg., bbls., works. lb. .09 - —
special, bbls., same basis. lb. .12 - —
Brucine, 100-oz. cns. oz. .35 - —
Sulphate, 100-oz. cns. oz. .30 - —
Byronia root, bls. lb. .65 - .75
Buchu leaves, bls. lb. .80 - .85
Buckthorn bark, bls. lb. .72 - .73
Berries, bgs. lb. .70 - .75
Burdock root, bls. lb. .30 - .32
Burgundy pitch, dms. lb. .06 - —
Butane,[1] indust., tanks, Group 3, gal. .03½- —
Butyl acetate, normal,[1,6] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss R., lb. .1895- —
l.c.l., frt. same basis, lb. .1945- —
tanks, same basis. lb. .1795- —
other production, dms., c.l., same basis. lb. .1990- —
l.c.l., same basis. lb. .1950- —
tanks, same basis. lb. .1800- —
synthetic, dms., c.l., same basis. lb. .11¾- —
l.c.l., same basis. lb. .12¼- —
tanks, same basis. lb. .10¾- —
Butyl acetate, synth., secondary,[1,6] dms., c.l., dlvd. E. of Miss. R. lb. .09½- —
l.c.l., same basis. lb. .10 - —
tanks, same basis. lb. .08½- —
Normal butyl acetate, W. of Miss. R., ½c. per lb. higher.
Alcohol (see Alcohol, butyl).
Aldehyde, dms., c.l., works. lb. .15½- —
l.c.l., works. lb. .16½- —
tanks, works. lb. .14½- —
Carbinol, secondary, l.c.l., dms., works. lb. .09 - —
Chloride, normal dms., c.l., works. lb. .32 - —
l.c.l., works. lb. .35 - —
Ether (see Ether, butyl).
Lactate, dms., works. lb. .26½- —
Laurate, dms., works. lb. .42 - —
Myristate, dms., works. lb. .41 - —
Oleate, ref., dms., works. lb. .35 - —
tech., dms., works. lb. .29 - —
Phenylacetate, dms. lb. 2.00 - 2.25
Phthalate (see Dibutyl Phthalate).
Propionate, dms., dlvd. lb. .16½- .17
tanks lb. .15½- —
Stearate, dms. lb. .31 - .31½
Butyric ether, bots. gal. 6.50 - 6.95
cns., works. lb. .65 - .70
dms., works. lb. .60 - —

C

Cadmium bromide,[6] jars. lb. 1.65 - 1.70
bots. lb. 1.84 - 1.91
Iodide,[6] bots. lb. 4.23 - —
cns. lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,6] pat. shapes, cs., dlvd., lb. .95 - —
Ingots or sticks. lb. .90 - —
Selenide (see Red).
Sulphide (see Yellow).
Caffeine,[1,6] dms., makers primary distrib., 100 lbs. or more. lb. 2.80 - 2.88
25 to 100 lbs. lb. 2.95 - 3.10
smaller lots lb. 3.15 - 3.25
anhydrous, dms., 100 lbs. or more. lb. 3.00 - 3.08
25 to 100 lbs. lb. 3.15 - 3.30
smaller lots lb. 3.35 - 3.45
Citrated, dms., makers primary distrib., 100 lbs. or more. lb. 1.95 - —
smaller lots lb. 2.05 - 2.30
Hydrobromide, bots. lb. 5.29 - 5.37
Calabar beans, bgs. lb. .35 - .40
Calamus root, dom., bls. lb. .40 - .45
Calcium acetate, bgs., dlvd. 100 lbs. 3.00 - 4.00
Arsenate,[6] bgs., c.l., whse., works, frt. alld. lb. .07 - .08
l.c.l., same basis. lb. .07½- .08½
Bromide, jars lb. .65 - .70
Carbide,[1,6] dms., c.l., works, ton 50.00 - —
dlvd. ton 87.00 -95.00
Carbonate (see Chalk and Whiting).
Chloride, flake, 77-80%, paper, bgs., c.l., dlvd. ton 18.50 -35.00
l.c.l., 15 tons, dlvd. ton 21.50 -25.50
5-ton lots ton 28.50 -41.00
liquor, basis 40%, tanks, wks. ton 7.50 - —
purified, cryst., bbls., jars, lb. .28 - .30
solid, 73-75%, dms., c.l., dlvd. ton 18.00 -21.50
l.c.l., 15 tons, dlvd. ton 21.45 -25.45
73-75%, 5-ton lots ton 24.85- 40.95
Calcium chloride prices vary according to zone min. prices, spot. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums $3.50 per ton over paper bags.
Gluconate, USP, gran., bbls. lb. .52 - —
dms. lb. .57 - .58
cns. lb. .70 - —
Powd., 2c. per lb. lower.
Glutamate, kgs. lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots. lb. 1.29 - —
10-lb lots lb. 1.40 - —
cns., 25 lbs. lb. 1.65 - —
Iodide, bots., jars lb. 4.04 - 4.10
Lactate, edible, 100 lbs., dms., lb. .21 - —
USP bbls. lb. .35 - .37
Laurate, bbls. lb. .28 - .29
Mandelate, dense, fluffy, dm. lb. 2.65 - 2.80
Naphthenate, 4% Ca, 50-gal. dms. lb. .22½- —
Pantothenate, dex., 100-gram bots. per gram. .10 - —
Phosphate, feeding grade, bgs., works. ton 75.00 - —
food grade, bbls., 10 or over, works. lb. .07 - .07¾
5 to 9 bbls., works. lb. .08 - .09
1 to 4 bbls., works. lb. .10 - —
medicinal, dibasic, bgs. 100 lbs. 11.40 -18.00
monobasic, cryst., bgs., c.l., works, frt. equald. lb. .05¾- —
l.c.l., frt. equald. lb. .06 - .06½
tribasic, bbls., c.l., works. lb. .0635- —
Resinate, precip., 5.3% Ca, 100-lb. dms. lb. .15½- —
Silicate, hydrated, 50-lb. paper bgs., c.l., works. lb. .05½- —
l.c.l., works lb. .06 - —
Stearate, precip., bbls., c.l., works. lb. .25 - —
l.c.l., same basis. lb. .26 - .28
Sulphate (see Gypsum).
Sulphide, 70%, bgs., c.l., works, ton 45.00 - —
80%, bgs., c.l., works. ton 50.00 - —
luminous, tins, works. lb. 1.00 - —
Sulphocarbolate, bbls. lb. .49 - —
Tallate, 3%-4% Ca, 50-gal. dms. lb. .13½- .19½
Calcium-strontium sulphide, phosphorescent, dms., works. lb. 1.00 - 1.50
fine particle size, works, lb. 1.50 - 1.75
Calendula flowers, bls. lb. No stocks
Calomel,[6] bbls., dms. lb. 1.88 - 1.89
Camphor, natural. lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works, lb. .42 - —
10 bbls. (1,500 lbs.). lb. .44½- —
5 to 9 bbls. lb. .45 - —
1 to 4 bbls. lb. .46 - —
smaller lots lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots. lb. .69 - —
1,000-lb. lots. lb. .70 - —
smaller lots. lb. .71 - —
tablets, 2,000-lb. lots. lb. .82 - —
1,000-lb. lots. lb. .83 - —
smaller lots. lb. .84 - —
Monobromate, dms. lb. 3.10 - 3.25
Canada balsam (see Fir balsam).
Cantharides lb. No stocks
Capsicum (see Pepper, red).
Caramel coloring, bbls. gal. .70 - 1.10
Caraway seed,[1] Canadian, bgs., lb. .70 - .72
Domestic, bgs. lb. .77 - .79
Morocco, dewhiskered, bgs. lb. .69 - .70
Spanish, dewhiskered, bgs. lb. .70 - .72
Syrian, dewhiskered, bgs. lb. No stocks
Carbazole, 95%, dms., ton lots, works. lb. .70 - —
smaller lots, works. lb. .80 - —
98%, dms., ton lots, works. lb. .75 - —
smaller lots, works. lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works. lb. .60 - —
Dimethylethyl, l.c.l., works. lb. .60 - —
Isobutyl, dms., c.l., works. lb. .22½- —
l.c.l., works. lb. .23½- —
tanks, works. lb. .21½- —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R. lb. .05 - —
l.c.l., same basis. lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis. lb. .08 - .08½
Dioxide, cyls. lb. .06 - .08
Tetrachloride,[1,6] c.p., dms., c.l., lb. .07½- —
l.c.l. lb. .08 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld. gal. .73 - —
l.c.l., frt. alld. gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld. gal. .97 - —
l.c.l., frt. alld. gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld. gal. .80 - —
l.c.l., frt. alld. gal. .87 - —
5 or 10-gal. dms., c.l., alld. gal. 1.04 - —
l.c.l., frt. alld. gal. 1.14 - —
3, 52½-gal. dms., c.l., frt. alld. gal. .94 - —
l.c.l., frt. alld. gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld. gal. 1.17 - —
l.c.l., frt. alld. gal. 1.27 - —
Zone 4, 52½ gal. dms., c.l., gal. .83 - —
l.c.l. gal. .90 - —
Zone 4, 5 or 10-gal. dms., c.l. gal. 1.07 - —
l.c.l. gal. 1.17 - —

FIT FOR THE TOUGHEST JOB



At our Sharon plant, tough jobs are tackled with enthusiasm. If GATX can be said to have a specialty, it is doing the difficult. And doing it by the well-known General American standard: EVERY piece of equipment that leaves our plant is *better than it has to be.* Planned and built and tested to meet *more* than maximum operating demands, GATX products can mean extra safety and extra production economies in *your* plant.

GENERAL AMERICAN TRANSPORTATION CORPORATION

GATX GENERAL AMERICAN PLATE & WELDING DIVISION PLANT AT SHARON, PA.

Plate & Welding Division — Sharon, Pennsylvania

Specialists in plate fabrication—manufacturers of pressure vessels of steel, alloys and aluminum—all classes of welding—process equipment of all types—chemical engineering laboratories and service—completely equipped field erection department.

Carbon tetrachloride, USP, cbys., lb. .17 - .19

Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans.; 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho, Nev., Ore., Utah, Wash. and Montana points W. of Billings.

Cardamom,[1] bleached, bold, cs., lb. 1.18 - 1.25
medium, cs. lb. 1.08 - 1.15
coorg clipped, cs. lb. .60 - .62
decorticated, cs. lb. .75 - .80
green, bgs. lb. .60 - .62

Carotene, crystalline (alpha, 10%; beta, 90%), amps, 100 grams, 50 grams, dlvd. gram. 2.85 - —
2.90 - —

Carvol, bots. lb. 22.50 -23.00

Cascara sagrada bark, bulk. lb. .32 - .35

Case hardening mixture, 30%, gran., dms., l.c.l. lb. .09¾- —
slabs, dms., l.c.l. lb. .08¾- —

Casein,[1,6] dom., acid-precip., bgs., 100 or more, ship't point. lb. .24 - —
20 to 99, same basis. lb. .24½- —
less than 20, same basis, lb. .24¾- —
rennet-precip., bgs., 100 or more same basis. lb. .25½- —
20 to 99, same basis. lb. .25¾- —
less than 20 bgs. lb. .26¼- —
imp., acid-precip., ground, bgs., 100 bgs. or more. lb. .17 - .18½
rennet-precip., unground, bgs., 100 bgs. or more. lb. .19½- .20

Cassia,[1] lb. No stocks

Cassia fistula, bskts. lb. .23 - .24

Castor beans, f.o.b. Brazilian ports. long ton. 61.00 - —

Oil (see Oil, castor).

Pomace,[1] bgs., c.l., works, unit-ton 2.90 - —

Castoreum, nat., cns. lb. 12.50 -13.00
synth., bots. lb. 19.00 - —

Catechol, CP, cryst., works, fib. dms., tin. lb. 2.15 - 2.30
resublimed, frt. alld. E. of Miss., dms. lb. 3.50 - —

Catnep, bls. lb. .65 - .66

Celery seed,[1] Indian, bgs. lb. .17½- .18

Celluloid scrap (see Pyroxylin scrap).

Cellulose acetate,[4,6] flake, ctns., works, frt. alld. lb. .30 - .35
granules, ctns., same basis. lb. .35 - —

Triacetate,[4,6] flake, ctns., works, frt. alld. lb. .30 - —

Cerium hydrate, dms., works. lb. .60 - —
Oxalate, USP, bbls., works. lb. .35 - —
kgs., works. lb. .37 - —

Oxide, optical grade, kgs., 100-lb. lots, works. lb. 1.50 - —
smaller lots, bgs., same basis. lb. 2.00 - —

Chalk, precipitated, cosmetics, dentifrices, and drugs, bgs., c.l., works. lb. .02¾- —
paint and other industries, bgs., c.l., works. ton. 40.00 - —
papermakers, bgs., c.l., works, ton. 32.50 - —
rubbermakers, bgs., c.l., works, ton. 40.00 - —

Chamomile, Hungary type, cs. lb. .45 - .50
Roman, bls. lb. No stocks

Charcoal, pinewood,[1,6] grain, pulv., bgs., c.l., f.o.b. producers' plants in South. ton. 30.20 - —
l.c.l., same basis. ton. 41.00 - —

Willow, powd. bbls. lb. .06 - .07

Chestnut extract,[1,6] clarif., 25%, bbls., c.l., works. 100 lbs. 2.85 - 3.85
l.c.l., works. 100 lbs. 3.10 - 4.10
tanks, works. 100 lbs. 2.25 - 3.25
powdered, 65% tannin, bgs., c.l., works. 100 lbs. 6.50 - 9.10
l.c.l., works. 100 lbs. 7.25 - 9.85

Chillies (see Pepper, red).

China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works. ton. 9.50 - —
l.c.l., works. ton. 16.00 - —
bulk, c.l., works. ton. 7.60 - —
200 mesh, bgs., c.l., wks, ton. 8.50 - —
l.c.l., works. ton. 9.50 -15.50
wet grd., silk-bolt 99.9%, 325 mesh, bulk, c.l., works. ton. 9.50 - —
paper bgs., c.l., works. ton. 12.50 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila. ton. 19.00 -24.00
powd., cks., l.c.l., ex whse. ton. 41.00 - —

Chloral hydrate, jars. lb. .93 - .98
dms. lb. .90 - .95

Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works. lb. .32 - —
smaller lots, works. lb. .35 - —

Chlorine,[3,5,6] liquid, cyls., c.l. lb. .05¼- —
contracts lb. .05¼- —
l.c.l. lb. .07¼- —
tanks, single units, works, frt. equald 100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald. 100 lbs. 2.00 - —
2, wks., frt. equald. 100 lbs. 2.50 - —
1, wks., frt. equald. 100 lbs. 3.00 - —

Chloroform, tech., dms. lb. .20 - .22
USP, dms. lb. .30 - .33

Chloropicrin, com'l, 180-lb. cyls., works, frt. alld. lb. .80 - —
100-lb. cyls., same basis. lb. .82 - —
25-lb. cyls., ex whse. lb. 1.00 - —
1-lb. bots., ex whse. lb. 1.25 - —

Choline chloride, fib. dms. lb. 3.00 - 3.10
Dihydrogen citrate, fib. dms. lb. 3.00 - 3.10

Chrome acetate, powd., 24%, bbls. lb. .22 - —
solut., 8%, bbls., cs. lb. .07½- —
7½%, bbls., cs. lb. .06½- —
Cake, bulk, c.l., works. ton. 16.00 - —
Ore,[1] residue, paper bgs., c.l., works. ton. 15.00 - —
Oxide (see Green, chrome).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).

Chrysarobin, bots. lb. 6.03 - 6.09

Cinchona bark,[6] red, quill, USP, 10 in., cs. lb. 1.20 Nom.

Cinchonidine,[6] small, cryst., cns., 100 oz. .80 + .13½*
sulphate, NF, cns., 100 ozs. oz. .89 + .13½*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine,[6] small, cryst., cns., 100 ozs. oz. .62 + .13½*
large cryst., cns., 100 ozs. oz. .66 + .13½*
Sulphate, NF, cns., 100 ozs. oz. .42 + .13½*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, NF, bots. lb. 3.70 - 3.90
dms. lb. 3.50 - 3.60

Heavy density cinchophen 20c. per lb. higher.

Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cns., dms. lb. 2.00 - 2.90

Cinnamon,[1] Ceylon, 2, bls. lb. .53 - .53½
No. 2, bls. lb. .52 - .53
chips, bgs. lb. .56 Nom.

Citral, bots., cns. lb. 2.65 - 4.75

Citrine ointment, jars. lb. .91 - 1.11

Citronellal, bots., dms. lb. 2.75 - 3.25

Citronellol, bots., dms. lb. 6.00 - 7.00

Cloves,[1] Madagascar, futures, bls. lb. .16¾- .17¼
Zanzibar, bls., f.o.b. St. Louis. lb. .23 Nom.

Clover tops, red, bgs. lb. .55 - .60

Coaltar,[6] coal-gas, crude, bbls., l.c.l., works. bbl. 8.25 - —
l.c.l., works. bbl. 8.75 - —
tanks, works. gal. .07½- —
refd., bbls., c.l., works. bbl. 8.75 - —
l.c.l., works. bbl. 9.25 - —
tanks, works. gal. .08½- —

Coaltar, water-gas, crude, dms., c.l., works. bbl. 8.25 - —
l.c.l., works. dm. 8.75 - —
refd., dms., c.l., works. dm. 9.25 - —

Cobalt acetate,[6] bbls., kgs., dlvd., lb. .83¾- —
feed grade, 49.5% Co., kgs. lb. 1.25 - —

Carbonate,[6] powd., bgs., works, lb. 1.58 - —
feed grade, 23% Co., kgs. lb. 1.65 - —

Chloride, kgs., works. lb. .87½- —
feed grade, 24.5% Co., kgs. lb. 1.25 - —

Hydrate,[6] bbls. lb. 2.04 - —
feed grade, 62% Co., kgs. lb. 2.25 - —

Linoleate, paste, 8%, dms. lb. .32 - .35
solid, 8½%, dms. lb. .44 - —

Naphthenate, 6% Co., 50-gal. dms. lb. .31 - —

Nitrate, feed grade, 20.4% Co., kgs. lb. 1.25 - —

Oleate, bbls. lb. .44 Nom.

Oxide,[6] black, kgs. lb. 1.84 - —

Cobalt phosphate, feed grade, 34% Co., kgs. lb. 1.75 - —

Resinate, precip., 7.5% Co., 100-lb. drms. lb. .38½- —

Soyate, 8%-8.5% Co., 50-gal. drms. lb. .42 - .44

Sulphate,[6] dms. lb. .65 - —
feed grade, 21% Co., kgs. lb. 1.00 - —

Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.

Cobalt-ammonium sulphate, 14% Co., kgs. lb. .75 - —

Cocaine hydrochloride, 100-oz. lots, cns. oz. 9.75 - —

Cochineal, gray, bgs. lb. .37 - .38
silver, Teneriffe, bgs. lb. .38 - .39

Cocoa butter,[1] bulk, ship't pt. lb. .26 - —

Cocillana bark, bgs. lb. .28 - .30

Codeine, cns., 100 ozs. oz. 11.70 - —
Hydrochloride, cns., 100 ozs. oz. 10.50 - —
Phosphate, cns., 100 ozs. oz. 9.00 - —
Sulphate, cns., 100 ozs. oz. 9.50 - —

Codliver oil (see Oil, codliver).

Cohosh root, black, bls. lb. .18 - .20
blue, bls. lb. .18 - .20

Colchicine, bots., cns. oz. No stocks.

Cochicum seed lb. No stocks.

Collodion, USP, dms. lb. .19½- .20¼
cns. lb. .28 - .29½
flexible, USP, dms. lb. .21 - .22
cns. lb. .26 - .31

Colocynth pulp, bls. lb. .60 - .65

Colombo root, bls. lb. .19 - .20

Coltsfoot leaves, bgs. lb. .90 - 1.00

Condurango bark, bg. lb. .12 - .15

Copaiba balsam, Peru, cns. lb. .47 - .49

S. A., USP, cns. lb. .50 - .52

Copper acetate,[6] cupric, bbls., works. lb. .25¼- —
smaller containers, wks. lb. .27 - —

Carbonate, 52-54%, bbls. lb. .19½- .20½

Chloride,[6] anhyd., bbls. lb. .22½- .28
crystals, bbls. lb 14¾- .17

Copper cyanide,[6] tech., bbls. lb. .34 - .38
Iodide, bots. lb. 5.15 - 5.19
Metal,[1,3,5] electrolytic. lb. .12 - .12⅝
Naphthenate, 6%-8% Cu, 50-gal. dms. lb. .15 - .17

Nitrate,[6] tech., cryst., bbls. lb. .19¼- .20¾
Oleate, precip., bbls. lb. .22½- .28½
Oxide,[6] black, bbls., works. lb. .19 - .20
red, com'l, bbls. lb. .21¼- .24½

Oxychloride-sulphate,[6] bgs. lb. .17 - .20
Resinate, precip., 8.3% Cu, 125-lb. dms. lb. .15½- .16

Sulphate,[1,6] 99%, cryst., bgs., c.l., works. 100 lbs. 5.00 - — —
7,200 to 36,000 lbs. 100 lbs. 5.15 - — —
2,700 to 7,200 lbs. 100 lbs. 5.25 - — —
700 to 2,700 lbs. 100 lbs. 5.50 - — —
monohydrated, bgs., in dms., c.l., dlvd. 100 lbs. 9.95 - — —
l.c.l., same basis. 100 lbs. 10.95 - — —
dms., c.l., dlvd., same basis, 100 lbs. 8.95 - — —
l.c.l., same basis. 100 lbs. 9.95 - — —

Copperas, cryst., gran., bgs., c.l., works. ton. 17.00 - — —
bbls., c.l., works. ton. 20.00 - — —
l.c.l., 25, works. 100 lbs. 1.55 - — —
1-4, works. 100 lbs. 2.00 - — —
bulk, c.l., works. ton. 14.00 - — —

Copra, Coast, ship't. lb. No price

Coriander seed,[1] Indian, bgs. lb. No stocks
Morocco, bgs. lb. .18¼ Nom.

Cornsilk, bls. lb. .24 - .25

Corn sugar, tanners,[6] chipped, bgs., c.l., dlvd. 100 lbs. 3.905 - — —
slabs, bbls., c.l. 100 lbs. 3.825 - — —
Syrup, 42°, bbls., c.l. 100 lbs. 4.221 - — —
43°, bbls., c.l. 100 lbs. 4.271 - — —

Corrosive sublimate,[6] cryst., dms., 50 lbs. or more. lb. 1.59 - —
gran., powd., dms., 50 lbs. or more. lb. 1.44 - —

Cottonroot bark, bls. lb. .22 - .25

Cottonseed hull ash, 33-36% pot-ash, bgs., dlvd. unit-ton. 1.00 - —

Meal,[1] 41% protein, Memphis, c.l. ton. 45.00 -49.75

MORE *LASTING* POWER

...WITH CALCO Toluidine TONERS*

Calco's Toluidine Toners are pigments with a wartime reputation—a synonym for lasting durability and lightfastness—and for greater brilliance of mass tone.

The armed forces use Toluidine Toners principally for red insignia coatings. Toluidine Toner M 20-3780 meets Army-Navy aeronautical specifications AN-TT-T-561 medium shade requirements. Toluidine Toner 20-3300 meets Federal TT-T-562 specifications and matches the Bureau of Standards sample #300 in shade.

Take advantage of the excellent baking characteristics of these Calco Toners and their easy grinding properties to produce enamels of high gloss.

***RANGE OF SHADES**

Toluidine Toner XL . 20-3050 . Extra Light
Toluidine Toner L . 20-3300 . Light
Toluidine Toner M . 20-3780 . Medium
Toluidine Toner D . 20-3920 . Dark

COLORS BY CALCO

CALCO CHEMICAL DIVISION · AMERICAN CYANAMID COMPANY

Pigment Department Newark 5, N. J.

New York · Boston · Philadelphia · Buffalo · Cleveland · Cincinnati
Pittsburgh · Detroit · Los Angeles · Chicago · St. Louis · Oakland · Seattle · Portland

Coumarin,[1] cns., makers, primary distrib., 5 lbs. or more..lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10
Cramp bark, NF, bls.....lb. .80 - .85
Cream of tartar, USP, gran. or powd., bbls., 5,000 lbs. one ship't..lb. .57½- —
smaller lots, bbls.....lb. .58 - —
kgs.....lb. .58½- —
Creosote carbonate, bots., cbys., lb. 2.10 - 2.39
Coaltar, oil,[3] crude, tanks, works..gal. .15½- —
refd., bbls., l.c.l., works.gal. .26 - —
tanks, works.....gal. .18 - .18½
solution, tanks, works....gal. .141 - —
Wood, beech, bots., cbys.....lb. .85 - 1.04
Hardwood, USP, bots.....lb. .60 - .77
Pine, dms.....gal. .28 - —
Cresol,[3,6] special resin grades, dms., c.l., works, frt. equald., lb. .09½- .10½
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾- .09¾
USP, dms., c.l., works, freight equald..lb. .10¾- .11¾
l.c.l., same basis.....lb. .11¾- .11¾
tanks, same basis.....lb. .10 - .10½
Crotonaldehyde, 97%, 55 and 110 gals., l.c.l., works..lb. .15 - —
5 and 10-gal. dms., works..lb. .18 - —
Cryolite, nat.,[4] bgs., bbls., c.l., 100 lbs. 9.50 - —
smaller lots.....100 lbs. 10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .08½- —
smaller lots, works.....lb. .09¾- —
Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .32 - —
Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks
Culver's root, bls.....lb. .27 - .28
Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Persian, bgs.....lb. No stocks

Cyanamide,[6] fertilizer mixing grade, guaranteed 21% N., pulv., bgs., Niagara Falls, Ont., contracts..unit-ton. 1.52½- —
20.6% N., gran., bulk, same basis..unit-ton. 1.62½- —
Cyclohexane, 98-100%, works..lb. .14 - .16
tech., dms., c.l., frt. alld. E..lb. .10¼- —
l.c.l., frt. alld. E.....lb. .11 - —
tanks, frt. alld. E.....lb. .09½- —

Cyclohexane prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nov., N. D., N. M., Okla., S. D., Utah, and Wyo.

Cyclohexanol, 98-100%, works..lb. .21 - .23
Cyclohexanone, 98-100%, wks..lb. .30 - .32
tech., dms., c.l., frt. alld. E., lb. .30 - —
l.c.l., frt. al'd. E.....lb. .30½- —
tanks, frt. alld. E.....lb. .29 - —

Cyclohexanone prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.

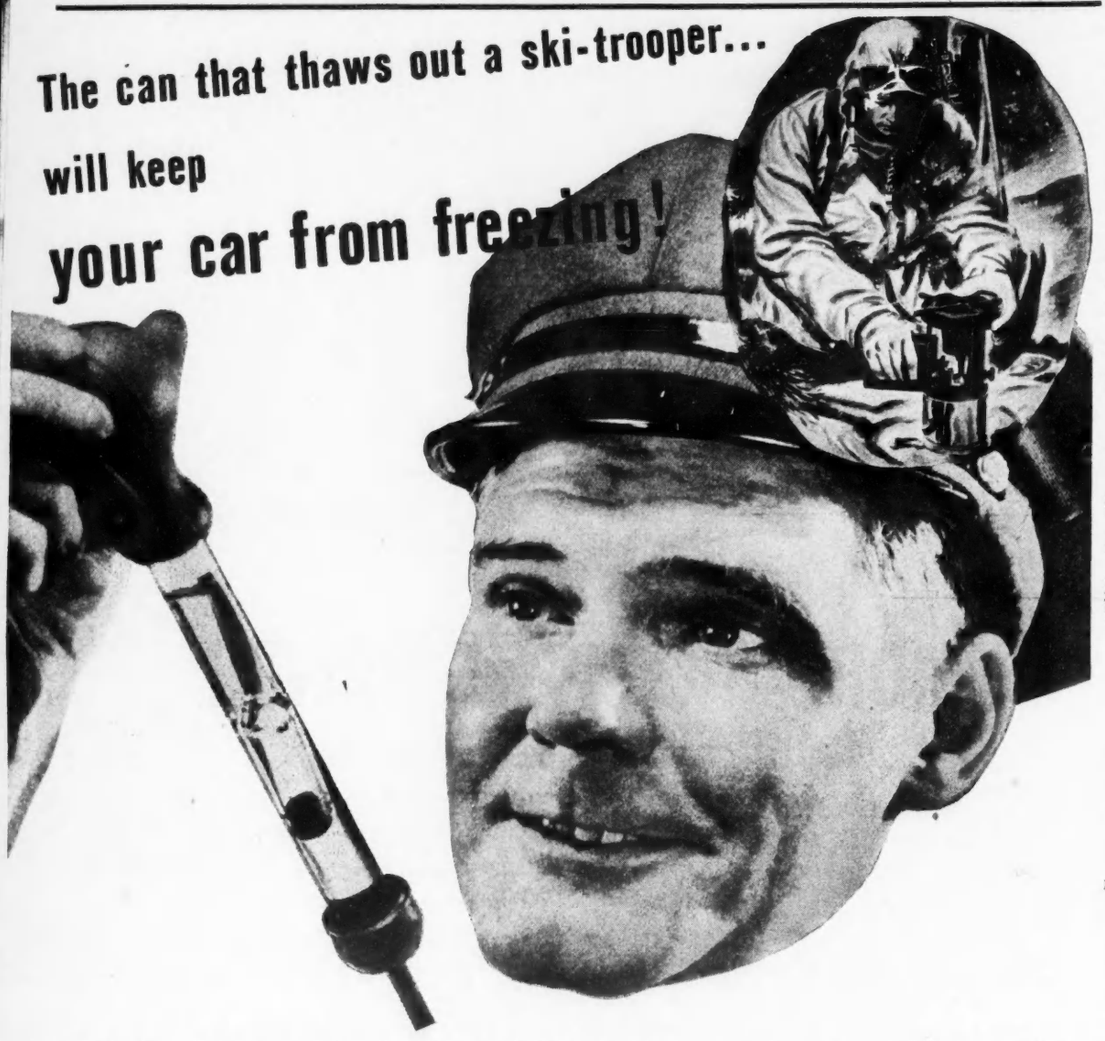
Cyclopropane, USP, cyls., divd., gal. .27 - —

D

Dandelion root, bls.....lb. .40 - .45
Decanol,[3] normal, tech., dms., divd..lb. .35 - —
Deertongue, bls.....lb. .42 - .48
Defluorinated phosphate,[3] paper bgs., works..ton. 34.25 - —
Degras,[1,6] common, bbls.....lb. .10 - .12
neutral, less 2% ffa, bbls...lb. .26 - .29
over 2% ffa, bbls.....lb. .26 - .27

Damiana leaves, bls.....lb. .16 - 17
Derris root (same as Cube root).
Dextrin, British gum, bgs., c.l. 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, bgs., c.l..100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¼- .11¾
Diacetone (see Alcohol, diacetone).
Diacetyl, bots.....lb. 6.00 - 7.00
Diamyl ether (see Amyl ether).
Phthalate,[3] dms., c.l., divd..lb. .2170- .2200
l.c.l., divd.....lb. .2220- .2250
tanks, divd.....lb. .2070- .2100
Sulphide, l.c.l., dms., works..lb. .25 - —
Diamylamine, dms., c.l., wks..lb. .61 - —
l.c.l., works.....lb. .64 - —
Diamylphenol, 2:4, dms., c.l., works..lb. .18 - —
l.c.l. .....lb. .21 - —
Diatomaceous earth, dom., CP., bgs., c.l., Atlantic Coast..lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific Coast. ton. 22.00 -25.00
l.c.l., ex whse.....ton. 45.00 - —
purified, bgs., c.l., Atlantic Coast..ton. 55.00 -59.00
l.c.l., ex whse.....ton. 85.00 -90.00
imported, Algerian, bgs., c.l., Atlantic Coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic Coast..lb. .02 - .03
l.c.l. .....lb. .04 - .06

Dibutyl phthalate,[3] 5-gal. cns. works..lb. .2550- .2600
1-gal. cns., same basis..lb. .2600- .2650
dms., c.l., same basis....lb. .2020- .2350
l.c.l., same basis....lb. .2070- .2400
tanks, same basis.....lb. .1920- .2250
Sebacate, dms., works.....lb. .497 - .517
Tartrate, dms.....lb. .92 - 1.02
Dibutylamine, dms., c.l., works.. lb. .61 - —
l.c.l., works.....lb. .64 - —
Dichloroethyl ether, dms., c.l., works..lb. .16 - —
l.c.l., same basis.....lb. .17 - —
tanks, same basis.....lb. .15 - —
Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Diethyl carbonate, com'l, dms.lb. .25 - —
refd., 90%, dms.....lb. .30 - —
Oxalate, dms., c.l., divd.....lb. .3020- —
l.c.l., divd.....lb. .3070- —
Phthalate,[6] dms., c.l., divd..lb. .2025- .2120
l.c.l. .....lb. .2075- .2170
tanks .....lb. .1925- .2050
Sulphate, dms., c.l., works lb. .15 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylamine, dms., c.l., works. lb. .76 - —
l.c.l., works.....lb. .81 - —
Diethylaminoethanol,[6] l.c.l., dms., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., frt. alld. in E..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
tanks, same basis.....lb. .13½- —
Monobutylether, dms., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .21 - —
Monoethylether,[6] dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Digitalis leaves, dms.....lb. .60 - .65
Diglycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works. lb. .19 - —
Dillseed, cleaned, bgs.....lb. No stocks
dewhiskered, bgs.....lb. .14¼- .14¾
Dimethyl phthalate,[6] dms., c.l., divd..lb. .1875- —
l.c.l., divd.....lb. .1925- —
tanks, divd.....lb. .1775- —
Dimethylamine, dms., c.l.....lb. .85 - —
l.c.l., divd.....lb. .90 - —
Dimethylaniln, dms., c.l.....lb. .23 - —
l.c.l. .....lb. .24 - —
Dimethylethyl carbinol (see carbinol)
Dinitrobenzene, bbls., 50° min.lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .06 - —
Diorthotoluolguanidin,[6] dms., tons, divd..lb. .44 - —
smaller lots.....lb. .46 - .47
Dioxan, dms., c.l., frt. alld...lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene,[1,6] dest. dist., dms., divd. E..gal. .55 - .56
tanks, divd. E.....gal. .45 - —
single dist., dms., divd. E..gal. .55 - .56
tanks, divd. E.....gal. .52 - —
Diphenyl,[6] bbls., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms.....lb. .43 - .45
Diphenylamine,[6] bbls.....lb. .25 - —
Diphenylguanidin,[6] dms., tons.lb. .35 - —
smaller lots.....lb. .36 - .37
Divi-divi,[6] bgs., ex dock.....ton. 68.00 -70.00
Doggrass root, imp., cut, NF, bls..lb. .45 - .50
dom., bls.....lb. .36 - .45
Dogwood bark, Jamaica, bls...lb. .08 - .10
Dover's powder, USP, cns.....lb. 2.75 Nom.
Dragon's blood, reeds, cs.....lb. .85 - .90
Dyes, coaltar (certified colors for foods, drugs andt cosmetics—
Blue, FD&C blue, No. 1, cns.lb. 13.50 - —
FD&C blue, No. 2, cns....lb. 13.50 - —
Green, FD&C green, No. 1 cns. lb. 13.50 - —
FD&C green, No. 2, cns...lb. 17.50 - —
FD&C green, No. 3, cns...lb. 27.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb. 17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns.....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors for drugs and cosmetics—
Black, D&C black, No. 1, cns. lb. 8.35 - —
Blue, D&C blue, No. 4, cns..lb. 12.35 - —
Brown, D&C brown, No. 1, cns. 12.35 - —
Green, D&C green, No. 5, cns. lb. 12.35 - —
D&C green, No. 6, cns.....lb. 12.35 - —
Orange, D&C orange, No. 3, cns..lb. 8.35 - —
D&C orange, No. 4, cns....lb. 15.35 - —
D&C orange, No. 10, cns...lb. 15.85 - —
Red, D&C red, No. 8, cns...lb. 9.35 - —
D&C red, No. 17, cns.....lb. 8.35 - —
D&C red, No. 18, cns.....lb. 15.35 - —
D&C red, No. 19, cns.....lb. 15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33, cns.....lb. 13.35 - —
D&C red, No. 37, cns.....lb. 12.35 - —
Yellow, D&C yellow, No. 7, cns..lb. 8.35 - —
D&C yellow, No. 8, cns...lb. 8.35 - —
D&C yellow, No. 11, cns...lb. 10.35 - —
Dyes, coaltar (certified colors for external use, drugs and cosmetics—
Blue, Ext. D&C blue, No. 1, cns..lb. 12.35 - —
Green, Ext. D&C green, No. 1, cns..lb. 12.35 - —
Red, Ext. D&C red, No. 1, cns..lb. 10.35 - —
Ext. D&C red, No. 3, cns..lb. 21.85 - —
Ext. D&C red, No. 8, cns..lb. 7.85 - —
Ext. D&C red, No. 10, cns.lb. 12.35 - —
Ext. D&C red, No. 13, cns.lb. 12.35 - —
Yellow, Ext. D&C yellow, No. 1, cns..lb. 8.35 - —
Dyes, coaltar, for general uses[6] (numbers are those of Colour Index scale)—
36 Chrome yellow, 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
155 Lake red C.....lb. .70 - .80
170 Fast red A[6].....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste...lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202, Chrome blue black U..lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00



The can that thaws out a ski-trooper...

will keep

your car from freezing!

● Imagine for a moment, please, that you're a ski-trooper. You're caught in a blizzard, cold and hungry. There's no dry wood about. How do you make a fire?

You just reach in your pack and take out a portable stove and a tin can. The can carries precious fuel which you pour into the stove through a special spout. In a few minutes you're cooking a hot meal.

Easy, isn't it? The can makes it so. And, like all cans, it's not only convenient, but strong and safe. It *completely* protects the ski-trooper's personal "anti-freeze."

This can is only one reason why you seldom get anti-freeze in cans for your car today. But after the war you'll again get all the brands and types you want in sealed, tamper-proof cans . . . *completely* protected. We've a hunch you'll get even better anti-freeze, too.

To do our war job, we've developed new ideas and new skills. That's why, as we look ahead, we see *new and better things in Continental cans.*

NOTE TO MANUFACTURERS—We'll be glad to discuss present and future uses or improvements of your product or package. Write Dept. A., 100 East 42nd Street, New York 17, N. Y., or Continental Can Company of Canada, Limited, Sun Life Bldg., Montreal.

CONTINENTAL CAN COMPANY

NEW AND BETTER THINGS IN CONTINENTAL CANS

Awarded to Plant 78, Chicago • Illinois

SAVE TIN CANS—HELP CAN THE AXIS

Dyes, coaltar, for general uses[3] (numbers are those of Colour Index scale)—
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .83 - .90
307 Fast cyanin black B.lb. .80 - .85
326 Direct fast scarlet...lb. 2.00 - 2.25
365 Chyrophenin G.....lb. .58 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.20
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN. lb. .45 - .60
406 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F....lb. .70 - .73
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .68
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct ascrin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
515 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF.lb. .55 - 1.00
581 Direct black EW.....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .70 - .73
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble) lb. .35 - .50
1177 Indigo, 20% paste....lb. .15 - .16
Benzo fast black L..lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Black—
865 Nigrosin derivatives..lb. .36 - .44

Blue—
7075 Alizarin astral base.lb.15.00 - —
1078 Alizarin cyanin, green base..lb. 6.00 - —

Brown—
Brown .....lb. 1.15 - —

Green—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —

Orange—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —

Red—
75 Sudan II.....lb. 1.05 - —
268 Sudan IV.....lb. .85 - —
690 Oil violet.....lb. .50 - —
749 Rhodamine B (oil pink). lb. 2.50 - —
1080 Anthraquinone,[6] violet base..lb. 6.00 - —

Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).

Black:—
246 Naphthol blue black S.. lb. .50 - —
729 Victoria blue B.....lb. 1.85 - —
861 Indulin .....lb. .87 - —
873 Methylene gray.....lb. 1.50 - —
909 New blue R.....lb. 1.20 - —
922 Methylene blue.....lb. 1.06 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —

Blue:—
714 Patent blue A.....lb. 1.05 - 1.10

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse)

Brown:—
231 Bismarck brown G...lb. .47 - .62
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
332 Bismarck brown R..lb. .47 - .62
793 Phosphin .....lb. 4.65 - —

Green:—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B...lb. 1.55 - —
1078 Alizarin cyanin green.lb. 2.00 - —

Orange:—
10 Chrysoidin G.....lb. .44 - —
21 Chrysoidin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol Red 6B. lb. .66 - —
151 Orange Y.....lb. .31 - .33
161 Orange R.....lb. .34 - —

Red:—
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A[6].....lb. .54 - —
179 Azorubin .....lb. .60 - —
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841..Safranin .....lb. 1.45 - —

Violet:—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —

Yellow:—
10 Naphthol yellow S...lb. .88 - —
138 Metanil yellow.....lb. .56 - .58
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —

Dyes, coaltar, for stains, water-soluble (prices E in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers works or warehouse).

Black:—
864 Nigrosin .....lb. .36 - .44

Blue:—
860 Indulin .....lb. .60 - .70

Brown:—
331 Bismarck brown.....lb. 1.50 - —

Green:—
637 Malachite green base.lb. 2.00 - —

Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .96 - —

Red:—
677 Fuchsin, magenta, base. lb. 7.25 - —
749 Rhodamine R.....lb. 4.75 - —

Yellow:—
67 Amidoazotoluene yellow. lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —

Violet:—
680 Methyl violet base....lb. .83 - —

Dyes natural (see name of article).

E

Echinacea root, bls.....lb. .90 - .95
Egg[1] albumen (see Albumen).
Yolk, dried, dom., bbls.....lb. 1.04 - 1.10
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .58 - .60
Elecampane root, bls.....lb. No stocks
Elm bark, grinding, bls.....lb. No stocks
powd., bbls., bxs.....lb. No stocks
select, bndls.....lb. .50 Nom.
Emetine[6] hydrochloride, bots..oz.21.00 -33.00
Ephedra, bls.....lb. .21 - .22
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride or sulphate, tins..oz. .95 - 1.45
synthetic, USP, anhyd., bots., 100 ozs..oz. .65 - —
Hemihydrate, bots., 100 ozs. oz. .65 - —
Hydrochloride, tins, 100 ozs. or more..oz. .50 - —
Sulphate, cryst., tins, 100 ozs. or more..oz. .48 - —
Epinephrine, synth., USP, bots.. gram. .75 - —
Epsom salt, tech., bgs.....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 with-drawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 with-drawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.00 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 with-drawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, bgs., l.c.l. .....lb. .08 - .09

Epsom salt prices are freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.

Ergot, USP, dms.....lb. 1.40 - 1.45
Eserine, bots.....oz. No prices
Sulphate, 1-gram vials.....vial. 2.10 - —
Ether, acetic ..see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., divd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bot., 100 lbs..lb. .93 - 1.10
Ether, sulphuric, conc., dms..lb. .11 - .16
USP anesthesia, hospitals, 1-lb. cns..lb. .60 - .61
Synthetic, dms., c.l., works..lb. .14½ - —
l.c.l., works.....lb. .15½ - —
tanks .....lb. .12½ - —
Ethyl acetate,[2,6] 85-90%, dms., c.l., frt. alld..lb. 11.70- 12.75
l.c.l., frt. alld.....lb. .1220- .1325
tanks, frt. alld.....lb. .1070- .1175
95-98%, dms., c.l., frt. alld.. lb. .1225- .1330
l.c.l., frt. alld.....lb. .1375- .1525
tanks, frt. alld.....lb. .1125- .1226
NF, dms.....lb. .14½- .15½
Acetoacetate, dms., c.l., works, lb. .37½- —
l.c.l., frt. alld.....lb. .38 - —
Benzoate, bots.....lb. .90 - 1.00
Bromide, tech., dms.....lb. .50 - .55
Carbamate, dms., divd. E....lb. .58 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.25 - 3.35
Formate, dms., f.o.b. Agnue, Calif..lb. .26 - .32
Iodide, bots.....lb. 3.50 - 3.60
Lactate, dms., works.....lb. .33¼- .39¼
Myristate, dms., works.....lb. .55 - —
Oenanthate, dms.....lb. .75 - 1.25
Oleate, dms., works.....lb. .47 - —
Oxalate, dms., frt. alld....lb. .23 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose,[6] standard, pkgs., 5,000 lbs. or more, works..lb. .50 - —
smaller lots, same basis....lb. .52 - .60
Ethyldiethanolamine, dms.. l.c.l., works..lb. .80 - —
Ethylene dichloride,[2] dms., c.l., works, E. of Rockies, frt. alld..lb. .0342- —
West of Rockies, same basis..lb. .0891- —
l.c.l., works, E. of Rockies, same basis..lb. .0891- —
West of Rockies, same basis..lb. .0941- —
tanks, E. of Rockies, same basis..lb. .0743- —
West of Rockies, same basis..lb. .0792- —
Ethyleneglycol,[2,6] dms., c.l., frt. alld. in E..lb. .10 - —
l.c.l., same basis.....lb. .11 - —
tanks, same basis.....lb. .09 - —
Monobutylether,[6] d m s., c.l., works..lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, works.....lb. .16½- —
Monoethylether, d m s., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Monoethylether acetate, dms., c.l., works..lb. .13½- —
l.c.l., dms.....lb. .14½- —
tanks, works.....lb. .12½- —
Monomethylether, dms., c.l., works..lb. .16½- —
l.c.l., works.....lb. .17½- —
tanks, works.....lb. .15½- —
Ethylethanolamine, d m s., c.l., works..lb. .57 - —
l.c.l., works.....lb. .60 - —
Ethylmorphine hydrochloride, bots..oz.10.50 -10.75
Ethyldinanilin, dms.....lb. .45 - .47½
Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
Ethylvanillin,[1] cns., makers, primary distrib., 5 lbs. or more, lb. 5.25 - —
smaller lots.....lb. 5.50 - 5.40
Eucalyptol, cns., dms.....lb. 2.50 - 3.00
Eucalyptus leaves, bls.....lb. .10 - .15
Eugenol, cns., dms.....lb. 2.65 - 3.25
Euphorbia, bls.....lb. .12 - .13

F

Feldspar, enamel, 100 mesh, bulk, c.l., works..ton.14.00 -17.50
bgs., min., 2 tons.....ton.17.00 -20.50
glass, 20 mesh, bulk, c.l., works..ton. 9.75 - 12.25
bgs., l.c.l., min. 2 tons..ton.12.75 -16.25
pottery, bulk, c.l., works...ton.17.00 -19.00
l.c.l., bgs., min. 2 tons..ton.20.00 -22.00
Fennel seed, Argentine, bgs...lb. No stocks
Indian, bgs.....lb. .16½ Nom.
Fenugreek seed, domestic, bgs.lb. .20 - .20½
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Ferric sulphate, anhyd., bgs., c.l., works..ton.35.00 - —
l.c.l., same basis.....ton.40.00 - —
Film scrap, colored, cs., 50 lbs. or over, works..lb. .13½- —
smaller lots, works.....lb. .15 - —
water white, cs., 50 lbs. or over, works..lb. .14½- —
smaller lots, works.....lb. .17 - —
Fir balsam, Canada, cns.....gal.17.00 -18.00
Oregon, bbls.....gal. 2.35 - 2.50
Fishberries, bgs.....lb. .23 - .24
Fishoils (see Oil, fishliver).
Fishmeal,[1] grd., 60% protein, bgs., E. works..ton.72.50 - —
65% protein, same basis..ton.78.50 - —

SPOT DELIVERIES

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CAUSTIC POTASH

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MAGNESIUM METAL POWDER

BEECHWOOD CREOSOTE N. F.

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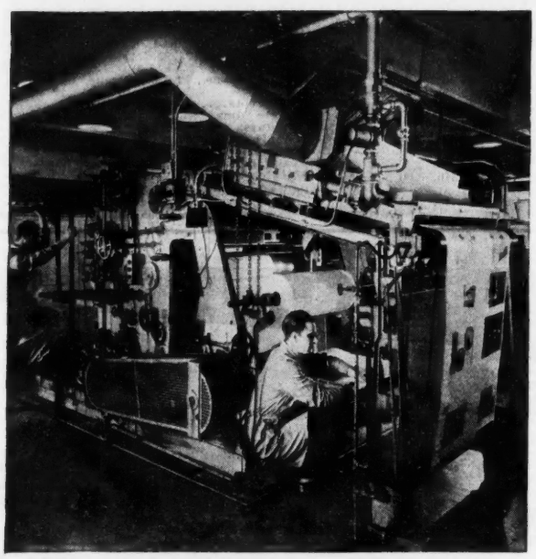
Fishscrap, dried, 60% protein, bulk, East Coast..ton.66.50 - —
Flake white, bbls.....lb. .09 - —
kegs .....lb. .11 - —
Flaxseed, French, black, bgs..lb. .70 - .73
Indian, blonde, bgs.....lb. .14 - .15
Fluorspar, No. 1, ground, 95-98% CaF_2, bulk, c.l., mines. net ton.37.00 - —
washed gravel, 70% or more CaF_2, mines..net ton.33.00 - —
65%, mines.....net ton.32.00 - —
60%, mines.....net ton.31.00 - —
less than 60%, mines..net ton.30.00 - —
Formaldehyde,[1,2,6] bbls., c.l., works..lb. .0520- —
l.c.l., works.....lb. .0670- —
dms., extra, c.l., works.....lb. .0460- —
l.c.l., works.....lb. .0510- —
tanks, works.....lb. .0320- —
tanktrucks, dlvd. N.Y.C.....lb. .0345- —
Fringetree bark, bls.....lb. .70 - .75
Fuller's earth, dom., powdered, bgs., c.l., Fla., Ga. mines.. ton. 8.50 -15.00
Tex. mines.....ton.12.50 - —
spent, bulk, Bayonne....ton. 3.00 - —
Chicago .....ton. 4.00 - —
imp., bgs., c.l.....ton.30.00 -40.00
Furfural,[2] ref., dms., c.l., works. lb. .15½- —
dms., cns., l.c.l., works..lb. .18 - .25½
tech., dms., c.l., works.....lb. .13 - —
l.c.l., dms., cns.....lb. .15½- .20½
tanks, works.....lb. .09½- —
Fusel oil, crude, dms., works,gal. .75 - —
refd., dms., dlvd.....lb. .18½- .19½
Fustic, cryst., No. 1, bbls....lb. .32 - —
No. 2, bbls.....lb. .30 - —
No. 3, bbls.....lb. .28 - —
extract, No. 1, bbls.....lb. .16 - —
No. 2, bbls.....lb. .15 - —
No. 3, bbls.....lb. .12½- —

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .30 Nom.
Gambier, cube, Singapore, cs., lb. No stocks
extract, bbls.....lb. No stocks
Gasoline[1] at refnery, ex tax:—
Arkansas, US motor, 70-74 octane, tanks..gal. .05⅞- —
Bayonne, 70-74 oct., tanks... gal. .09075- —
Gulf Coast, US motor, 70-74 octane, tanks..gal. .05⅝- .06½
Group 3, 70-74 octane, tanks, gal. .06½- .06⅝
natural, 26-70, tanks....gal. .04⅝- .05
Oklahoma-Texas, US motor, 70-74 octane, tanks..gal. .05⅞- .06
Pennsylvania, western, U. S. motor 70-74 octane, leaded, tanks..gal. .07⅝- .0895
Gelatin, silver, label, ctns., dlvd. lb. .90 - .97
export, cases.....lb. 1.00 - —
Silver gelatin prices 5c. higher for deliveries in:—Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash., and Wyo.
Gelsemium, root, bls.....lb. .23 - .25
Gentian root, bls.....lb. .41 - .42
grd., bbls., bxs.....lb. .46 - .47
powd., bbls., bxs.....lb. .47 - .48
Geraniol, 92-96% cns., dms....lb. 3.50 - 4.50
Ginger,[1] African, No. 1, bls....lb. No stocks
Calicut, bgs.....lb. .26½- .27
Cochin, bleached, bgs.....lb. .28 - .29
unbleached, bgs.....lb. .23½- .24
Jamaica, No. 1, bgs.....lb. .28 - .28½
No. 2, bgs.....lb. .23½- .24
No. 3, bgs.....lb. .23 - .23½
Ginseng root, wild, South, cs..lb. 8.00 - 9.00
Glaubers salt, anhyd. (see Soda sulphate).
cryst., bgs., bbls., c.l., works, 100 lbs. 1.05 - 1.25
l.c.l., 5 tons up, works.... 100 lbs. 1.15 - 1.35
less than 5 tons, works. 100 lbs. 1.25 - 1.45
Glue, bone,[6] producers,' calcium type, 24 millipoise, 36 jelly-grams, bgs., c.l., East of Midwest..lb. .16 - —
30/58, bgs., c.l., same basis..lb. .15½- —
58/82, bgs., c.l., same basis..lb. .17 - —
82/108, bgs., c.l., same basis..lb. .18½- —
Producers' bone glue l.c.l. prices 1c. over c.l.
Hide, producers,[1,6] 100-121 (jelly test in grams), bgs., c.l., dlvd..lb. .14 - .21½
122-149, bgs., c.l., dlvd....lb. .15 - .22½
150-177, bgs., c.l., dlvd....lb. .16 - .23½
178-206, bgs., c.l., dlvd....lb. .17 - .24½
207-236, bgs., c.l., dlvd....lb. .18 - .25½
237-266, bgs., c.l., dlvd....lb. .19 - .26½
267-298, bgs., c.l., dlvd....lb. .20 - .27½
299-330, bgs., c.l., dlvd....lb. .21 - .28½
331-362, bgs., c.l., dlvd....lb. .22 - .29½
363-394, bgs., c.l., dlvd....lb. .23 - .30½
395-427, bgs., c.l., dlvd....lb. .24 - .31½
428-460, bgs., c.l., dlvd....lb. .25 - .32½
461-494, bgs., c.l., dlvd....lb. .26 - .33½
495-529, bgs., c.l., dlvd....lb. .27 - .34½
Hide glue l.c.l. prices 1c. over c.l.; bbls. ½c. over bags.
Glycerin, crude, saponification, 80%, to refiners, tanks..lb. .11¼- —
soaplye, 80%, tanks.....lb. .10 - —
dynamite, dms., c.l.....lb. .14½- —
l.c.l. .....lb. .15 - —
tanks .....lb. .14¼- —
high gravity, dms., c.l.....lb. .14½- —
l.c.l. .....lb. .15 - —
tanks .....lb. .14¼- —
ref., USP, CP, 95%, dms., c.l., lb. .15½- —
l.c.l. .....lb. .15⅝- —
tanks .....lb. .15 - —
B.P., 98%, dms., c.l.....lb. .15⅜- —
l.c.l. .....lb. .16¼- —
tanks .....lb. .15½- —
yellow, distilled, dms., c.l...lb. .15⅝- —
l.c.l. .....lb. .15⅞- —
tanks .....lb. .14½- —
Zone C, territory west of Zone B.
Glycine, medicinal, bbls., tins.lb. 1.25 - 1.30
Glycol boriborate, dms.....lb. .22 - —
Stearate, dms.....lb. .26 - —
Gold of pleasure seed, bgs....lb. No stocks
Gold chloride, acid-brown, bots., oz.20.75 -21.00
acid-yellow, bots.....lb.18.75 -19.00
Gold-soda chloride, photo., bots. oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Goldenseal, root, bls.....lb. 7.25 - 7.50
powd., bxs.....lb. 7.50 - 7.75
Grains of Paradise, bgs.....lb. .30 - .37
Graphite, conc., dom., crystalline, 80% through 50 mesh, carbon content, 65-70%, bgs., whse., works..lb. .04½- —
70-75% bgs., same basis..lb. .05 - —
75-80%, bgs., same basis..lb. .05½- —
80-85%, bgs., same basis..lb. .06 - —
Graphite, conc., dom., crystalline, 80% through 50 mesh, carbon content, 85-90%, bgs., same basis..lb. .07 - —
90% and up, same basis..lb. .08 - —
Grease,[1,6] house, loose.....lb. .08¼- —
white, choice, loose.....lb. .08⅞- —
Wool (see Adeps lanae and Degras).
Green, brilliant,[1] thioflavin toner, tungstic, kgs., works..lb. 3.75 - —
molybdic, same basis.....lb. 3.25 - —
Chrome,[1,6] CP, dark, light, medium blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
11-15%, bbls., same basis.lb. .25 - —
20%, bbls., same basis...lb. .25½- —
21-25%, bbls., same basis.lb. .26 - —
26-30%, bbls., same basis.lb. .26½- —
31-35%, bbls., same basis.lb. .27½- —
36-40%, bbls., same basis.lb. .29 - —
41-45%, bbls., same basis.lb. .30½- —
46-50%, bbls., same basis.lb. .33 - —
reduced color, 5%, bbls., same basis..lb. .06⅜- —
9-10%, bbls., same basis.lb. .07½- —
11-13%, bbls., same basis.lb. .08 - —
14-16%, bbls., same basis.lb. .08¼- —
17-19%, bbls., same basis.lb. .08½- —
20-21%, bbls., same basis.lb. .08⅝- —
22-23%, bbls., same basis.lb. .09 - —
24-25%, bbls., same basis.lb. .09¼- —
26-27%, bbls., same basis.lb. .09½- —
28-29%, bbls., same basis.lb. .10 - —
30-31%, bbls., same basis.lb. .10½- —
32-33%, bbls., same basis.lb. .12 - —
34-35%, bbls., same basis.lb. .13 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .17 - —
46-50%, bbls., same basis.lb. .17½- —
Green, chrome, reduced color, 51-55%, bbls., same basis..lb. .18 - —
56-60%, bbls., same basis.lb. .18½- —
61-65%, bbls., same basis, lb. .19 - —
70%, bbls., same basis....lb. .20 - —
71-75%, bbls., same basis.lb. .21 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.
Chrome oxide,[6] pure, dms., works..lb. .24 - —
Malachite,[1] thioflavin toner, tungstic, bbls., works..lb. 3.50 - —
molybdic, bbls., works..lb. 3.00 - —
Phthalocyanin,[1] green toner, bbls., works..lb. 4.00 - 5.00
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.00 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).
Green dyes (see Dyes, green).
Grindelia robusta, bls.....lb. .20 - .22
Guaiac resin, cs.....lb. .48 - .49
Wood, bls.....lb. .05 - .06
Guaiacol, carbonate, fib. dms.lb. 2.40 - 2.74
liquid, dms.....lb. 1.75 - 2.01
Guanidin carbonate,[1] bbls., c.l., works..lb. .57 - —
smaller lots.....lb. .58 - .73½
Guarana, powd., cs.....lb. No prices
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. 1.20 - 1.25
Gum, arabic, amber, sorts, bgs., lb. .11½- .13
white, sorts, 1, bgs.....lb. .28 - .30
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .52 - 1.00
Camphor (see C).
Copal, Congo, sorted, No. 30, bgs., c.l., ex dock or port, whse..lb. .55¾- —
31, bgs., same basis....lb. .21½- —
32, bgs., same basis....lb. .15⅞- —
33, bgs., same basis....lb. .14 - —
34, bgs., same basis....lb. .09¼- —
No. 35, bgs., same basis..lb. .15⅞- —
36, bgs., same basis....lb. .12⅝- —
37, bgs., same basis....lb. .18½- —
38, bgs., same basis....lb. .12¼- —
39, bgs., same basis....lb. .10⅝- —
40, bgs., same basis....lb. .08 - —
41, bgs., same basis....lb. .11⅝- —
unsorted, No. 1, bgs., same basis..lb. .14⅜- —
2, bgs., c.l., same basis..lb. .12⅝- —
3, bgs., c.l., same basis..lb. .11¼- —
FAD, bgs., c.l., same basis.. lb .14⅞- —
Prices for l.c.l., ¼c. to ½c. higher than c.l.
East India,[1] batu, bold, scraped, bgs., c.l., same basis..lb. .10¼- —
unscraped, same basis..lb. .09 - —
chips, same basis....lb. .12 - —
dust, same basis....lb. .06½- —
nubs and chips, same basis.. lb. .05⅝- —
black, bold, scraped, bgs., ex dock or port, whse..lb. .12 - —
unscraped .....lb. .07½- —
nubs and chips, same basis..lb. .07¼- —

LIFE On The



(*Above*) **MORE ACCURATE REGISTER IN MULTICOLOR PRINTING** operations is possible when PAREZ is added to paper stock because dimensional stability under varying humidity conditions is improved.

PAREZ IMPARTS BOTH WE AND DRY STRENGTH TO PAP

Dry strength characteristics in paper provided by PARE Cyanamid's new *wet strength* melamine resins, have opened a field of possibilities in paper making. Paper that is tough either wet or dry, made possible by PAREZ, has become important factor in the war effort. It is used for maps, packages, paper bags, wet strength blueprint and photogra papers, papers for cleaning machinery and polishing lenses, for wet strength tags.

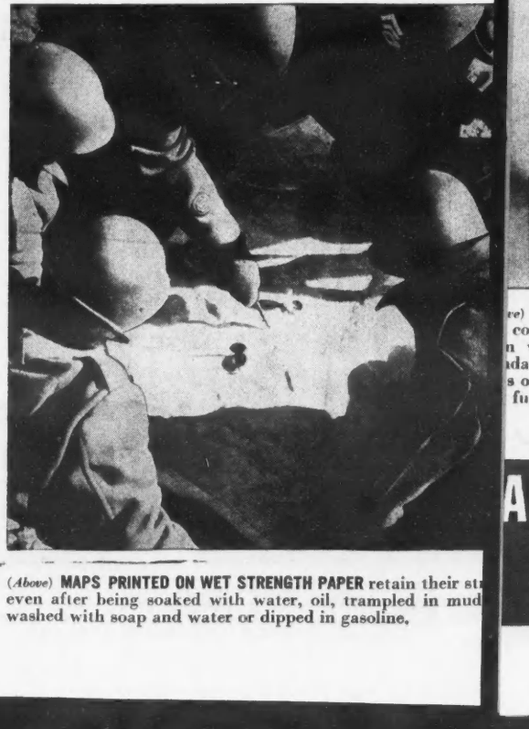
In some instances, however, the dry strength of paper is great an importance as wet strength. For example, the add of PAREZ to paper stock produces paper with a higher denson test and substantially higher burst and tensile strength va In most papers a pronounced increase in folding enduran evident. PAREZ Resin makes it possible to bring greatly impr dimensional stability under varying humidity conditions, resu in less misregister in multicolor printing operations. High fo and tensile strength may be obtained in less expensive and l grade paper pulps.

The addition of PAREZ also improves sizing of rosin-sized pa which is of particular importance in the manufacture of papers undergo severe exposure to wet conditions or in the productio lightweight papers that are difficult to size to a high de

Papers treated with PAREZ will find many new fields of usefu where either wet or dry strength is of importance. Additional i mation on present or postwar use of PAREZ is available on req

***Trade-mark of American Cyanamid & Chemical Corpor applied to its synthetic resins for use by the paper indu*

(*Above*) **THE DRY STRENGTH OF CARDBOARD** and lower grade paper pulps is greatly increased with the use of PAREZ since high folding and tensile strength are obtained.



(*Above*) **MAPS PRINTED ON WET STRENGTH PAPER** retain their st even after being soaked with water, oil, trampled in mud washed with soap and water or dipped in gasoline.

Gum, copal, E.I., pale, Hiroe-Macassar,[1] bold, bgs., c.l., same basis..lb. .17½- —
chips, same basis....lb. .11½- —
dust, same basis.....lb. .06½- —
nubs, same basis....lb. .13⅜- —
Singapore, Rasak, bold, bgs., same basis..lb. .22⅜- —
chips, same basis....lb. .11⅜- —
dust, same basis....lb. .06½- —
nubs, same basis....lb. .16⅜- —
Macassar,[1] dust, bgs., c.l., same basis..lb. .07½- —
MA, same basis.....lb. .09⅜- —
MB, same basis.....lb. .09⅛- —
WS, bgs., same basis....lb. .11⅜- —
Manila, Bocas,[1] hard, bold, amber, light, bskts, c.l., same basis..lb. .13½- —
dark, light, same basis.. lb. .14½- —
white, same basis.....lb. .15½- —
loba,[1] A, bgs., c.l., same basis..lb. .14 - —
B, same basis.....lb. .13⅜- —
C, same basis.....lb. .13⅜- —
CBB, same basis.....lb. .12 - —
CNE, same basis.....lb. .10 - —
D, same basis.....lb. .13⅜- —
DBB, same basis.....lb. .11 - —
DK, same basis.....lb. .09½- —
DU, same basis.....lb. .08⅜- —
dust, same basis.....lb. .07⅜- —
MB, same basis.....lb. .09¼- —
WS, same basis.....lb. .11⅜- —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis lb. .15½- —
dust, same basis.....lb. .07⅜- —
whse., entry point, c.l., lb. .08¼- —

Gum, copal, Philippine,[1] Manila, extra bold, pale scraped, bskts., same basis..lb. .15 - —
sorts, same basis.....lb. .12¾- —
pale chips, bold, same basis. lb. .13 - —
nubs, WCB, same basis. lb. .13⅜- —
seeds, dust, same basis...lb. .08⅜- —
SG, same basis.....lb. .10½- —
small chips, same basis..lb. .11⅜- —
Pontianak, bold, scraped, bgs., c.l., same basis..lb. .23⅜- —
mixed, same basis.....lb. .17⅜- —
chips, small, same basis..lb. .13⅜- —
cuttings of split, same basis. lb. .19½- —
nubs, same basis.....lb. .13 - —
Gum copal, l.c.l., prices ¼c. to ½c. higher.
Dammar,[1] Batavia, A, cs., c.l., same basis..lb. .35¾- —
A/C, same basis.....lb. .31¼- —
A/D, same basis.....lb. .28⅜- —
A/E, same basis.....lb. .25¾- —
B, same basis.....lb. .34½- —
C, same basis.....lb. .29⅜- —
D, same basis.....lb. .25⅜- —
E, same basis.....lb. .18⅜- —
F, same basis.....lb. .13⅜- —
dust, same basis.....lb. .13⅜- —
Singapore,[1] No. 1, cs., c.l..lb. .30⅜- —
2, bgs., same basis.....lb. .25 - —
No. 1, 3 bgs., same basis..lb. .12½- —
chips, cs., same basis....lb. .23½- —
dust, bgs., same basis....lb. .13 - —
seeds, cs., same basis....lb. .17⅜- —
Gum dammar, l.c.l. prices, ¼c. to ½c. higher.
Elemi,[1] cns., c.l., ex dock or port whse. entry port..lb. .09½- .09¾

Gum, ester, ord., dms., c.l., divd., Ill., Ind., Ky., Mich., Mid.-Atl. states, N. England states, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .09½- —
other points, divd.....lb. .10 - .11
l.c.l., divd. Ill., Ind., etc.. lb. .09¾- .10
other points, divd.....lb. .10½- .12
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.60 - 1.65
Gamboge, pips, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .18 - .40
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse.. lb. .13 - —
80⅔, same basis.....lb. .16 - —
dust, same basis.....lb. .12½- —
nubs, same basis.....lb. .24 - —
No. 1, extra, same basis....lb. .34 - —
superior, same basis.....lb. .31 - —
higher.
No. 2, extra, same basis....lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis.....lb. .23 - —
x, same basis.....lb. .56 - —
2x, same basis.....lb. .49 - —
3x, same basis.....lb. .77 - —
bush, assorted, same basis..lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —
white, chips, pale, same basis. lb. .20¾- —
extra, same basis.....lb. .25½- —
dust, pale, same basis....lb. .20¾- —
extra, No. 1, same basis..lb. .43 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .30 - —

Gum, kauri, superior, No. 1, same basis..lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .05⅝- —
4x, same basis.....lb. .66 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to ½c. higher.
Locust bean, powd., bbls...lb. .68 - .70
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .50 - .60
Olibanum, siftings, cs.....lb. .11½- .18
tears, cs.....lb. .18 - .30
Opium (see O).
Red (see Gum, Yacca).
Rosin (see R).
Sandarac,[1] cs.....lb. .09¼- —
Scammony, cs.....lb. 1.30 - 1.35
Talha, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 4.50 - 5.00
No. 2, cs.....lb. 4.00 - 4.50
No. 3, cs.....lb. 2.75 - 3.00
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered.....lb. .07¼- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.28.25 - —
Medicine Lodge, Kan., frt. equal..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.28.25 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
Plaster of paris, paper bgs., c.l., f.o.b. Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.. ton.12.50 - —
Harlem River, N. Y., frt. equald..ton.18.00 - —
Medicine Lodge, Kansas, frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.18.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Texas; Akron, N. Y.; Blue Rapids, Kan.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Texas; Southard, Okla.; Sweetwater, Texas; frt. equald..ton. 8.00 - —
Saltville, Va.....ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem River, N. Y..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla..ton.12.00 - —

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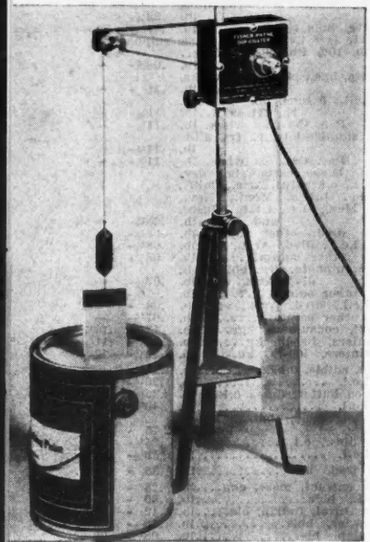
Hawthorn berries, bgs.....lb. .75 - .80
Heliotropin, cryst., cns.....lb. 3.75 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. No stocks
Hematine, cryst., bbls., No. 1..lb. .34 - —
No. 2.....lb. .30 - —
No. 3.....lb. .28 - —
No. 4.....lb. .26 - —
No. 5.....lb. .24 - —
paste, bbls., No. 1.....lb. .14½- —
No. 2.....lb. .13½- —
No. 3.....lb. .12½- —
Hemlock bark extract,[3,9] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. .90 -1.00
Henna leaves, bls.....lb. .17 - .18
powd., bbls., bxs.....lb. .22 - .23
Heptane,[1] 56°-100° C., industrial grade, dms., c.l., Group 3. gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10 - —
77°-115°, industrial, dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....lb. .29 - —
10 gals., Group 3....gal. .55 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[2,4] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots.....lb. .25 - —
USP, dms., 500 lbs. or more, same basis..lb. .35 - —
smaller lots.....lb. .36 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3. gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .29 - —
10 gals., Group 3....gal. .55 - —
Hexanol, dms., l.c.l., works..lb. .35 - —
Homatropine hydrobromide, bots. oz.37.50 -42.00
Hoofmeal, 17-18% ammon., bulk, Chicago..unit 4.50 - 4.75
Hops, NF, bls.....lb. .56 - 1.50
Horehound, bls.....lb. .10½- .12
Hydrangea, root, bls.....lb. No prices
Hydrastine, bots.....oz.20.00 - —
Hydrochloride, bots.....oz.20.00 - —
Sulphate, bots.....oz.20.00 - —
Hydrastinine, 10 grs., bots....bot. 1.95 - —
Hydrastis (see Goldenseal).
Hydrofuramide, dms., fib., cns., works..lb. .30 - .40
Hydrogen peroxide,[6] USP, bbls., lb. .03¾- .04
100 vols., cbys., E. of Miss. River, West Coast via Panama Canal..lb. .15½- .18½
Hydroquinone, bbls., dms.....lb. .90 - .94
Hydroxycitronellal, cns.....lb. 8.50 - 9.00
dms., extra, ret'able, divd...lb. 4.50 - —
Hyoscine hydrobromide, bots., gram. 4.50 - —
Hyoscyamine, bots.....oz.20.00 -37.50
Hydrobromide, bots.....oz.20.00 -37.50
Sulphate, bots.....oz.20.00 -37.50
Hypernic, cryst., bbls., No. 1..lb. .42 - —
No. 2.....lb. .34 - —
extract, bbls., No. 1.....lb. .24 - —
No. 2.....lb. .18 - —

I

Ichthammol, N. F., bots.....lb. 2.45 -
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.20
synth., paste, bots.....lb. .16½- .19
powd., bbls.....lb. .14½- .35
Indol, CP, bots.....lb.23.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.67 - —
150-lb. kgs., net.....lb. 1.28½- —
resubl., 5-lb. bots., jars.....lb. 2.00 - 2.10

Chemical Newsfront

(*Left and Right*) **FINE LEATHERS** for civilian footwear are again coming into the picture as restrictions are lifted on materials and designs. As war demands slacken, TWECOTAN*, Cyanamid's line of vegetable tanning extracts which have been used so extensively to add fullness and solidity in retanning all kinds of military leathers, is again available for use in processing civilian shoe leather. TWECOTAN is supplied in various grades with the right properties for straight vegetable tanning, combination chrome-vegetable tanning, and retanning of chrome leather. Other Cyanamid tanning specialties, DEPILIN*, CUTRILIN*, TANAK*, and BETASOL* are also available.



re) **THE AUTOMATIC DIP COATER,** developed in course of Cyanamid research on synthetic n vehicles, provides a simple but reliable dard dipping method for applying uniform s of surface coating materials to test panels. further information, write Cyanamid.

(*Above*) **TERMINAL BLOCKS OF MOLDED PLASTIC** are now installed in all single and polyphase watthour house meters of the Sangamo Electric Company to eliminate possibility of block failures resulting from arc tracking. Cyanamid's mineral-filled MELMAC* molding material was selected because of its unusual insulation properties, high arc and heat resistance. The filler block and "A" block are molded separately and assembled (as shown above) into the terminal block for installation in the die cast aluminum base. *Reg. U. S. Pat. Off.

American Cyanamid & Chemical Corporation
A Unit of American Cyanamid Company
30 ROCKEFELLER PLAZA · NEW YORK 20, N. Y.

Iodoform, 100-lb. dms., kgs....lb. 3.95 - 4.10
jars ....lb. 4.20 - —
Ipecac[6] root, bgs....lb. No prices
powd., bgs....lb. No prices
Irish moss, ordinary, bls....lb. .26 - .28
powd., 80-90 mesh, bbls...lb. .32 - .35
prime bleached, bls....lb. .35 - .40
powd. ....lb. .40 - .50
Iron acetate, liquor, bbls., c.l., dlvd..lb. .17 - —
l.c.l., dlvd....lb. .18 - —
solut., USP IX, 100-lb. obys.lb. .17 - —
50-lb. djns....lb. .18 - —
Chloride (ferric), tech., anhydr., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. lb. .03½- .04
kgs., works, frt. alld..lb. .04 - .04½
USP X, cryst., lump, bbls..lb. .07½- —
dms....lb. .08½- —
solut., NF, cbys., works, frt. alld. or equald..lb. .06½- .07½
djns....lb. .10 - —
Citrate, USP VIII, gran., dms., lb. .70 - .75
powd., cns....lb. .84 - .87
Glycerophosphate, bbls., 1,000-lb. lots..lb. 3.30 - —
100-lb. lots....lb. 3.40 - —
cns., 25 lbs....lb. 3.52 - —
Hypophosphite, bbls., dms...lb. 1.50 - 1.52
Iodide, bots....lb. 3.18 - 3.32
syrup, bots., cbys....lb. .89 - .53
Naphthenate, 6% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red, tech., dms....lb. .05½- .04
Oxalate, gran., dms....lb. .83 - .85
powd., cns....lb. .52 - —
kgs....lb. .47 - .49
Oxide, black (see Black Iron oxide).
Phosphate, ferric, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns..lb. .59 - .62
Iron, reduced, 90%, kgs....lb. .65 - .75
Resinate, 7.4% Fe, 100-lb. dms., lb. .17½- —
Sulphate, tech. (see Copperas and Ferric sulphate).
USP, cryst., bbls., dms....lb. .05½- .11
Tallate, 4% Fe, 50-gal. dms..lb. .10½- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.lb. .33 - .38
scales, dms....lb. .49 - .52
Oxalate,[6] bbls....lb. .23½- —
dms., kgs....lb. .25½- .26½
Iron-soda oxalate, bbls., dms..lb. .23½- .26½
Isobornyl triocyanoacetate, cbys., dms., extra, works..gal. 4.95 - —
Isobutyl acetate,[6] dms., works.lb. .0860- —
tanks, works....lb. .0760- —
Propionate, dms., works....lb. .102 - —
Isopentane, dms., works....lb. .45 - .55
Isophorone, dms., works....lb. .25 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate,[6] dms., c.l., E. of Rockies, frt. alld..lb. .11 - —
l.c.l., E. of Rockies, frt. alld..lb. .11¼- .12
tanks, E. of Rockies, frt. alld. lb. .10 - —
Alcohol (see Alcohol).
Ether, dms., c.l....lb. .06 - —
l.c.l....lb. .06½- —
tanks....lb. .04½- —
Isopropylamine, dms., works...lb .35 - —

J

Jaborandi leaves, bls....lb. .09 - .10
Jalap root, NF, bls....lb. .39 - .40
powd., bbls., bxs....lb. .46 - .47
Resin, lump, cns....lb. 5.85 - —
powd., bxs....lb. 5.90 - —
Juniper berries, dom., bgs....lb. .70 - .85

K

Kamala, tins....lb. .40 - .45
Kaolin (see China clay)
Kava kava root, bls....lb. .23 - .26
Kerosene at refinery:—
Ariz., 41-43 w.w., bulk, tanks, gal. .04½- .04¼
Bayonne, 41-43 w.w., tank... gal. .071 - —
Kerosene, at refinery, Gulf ports, 41-43 w.w., bulk..gal. .04¼- .04½
Okla.-Texas, 42-44 w.w. tanks, gal. .04⅝- .04¾
Penn., 45 w.w., tanks....gal. .07½- .08
46 w.w., tanks....gal. .07¼- .07⅝
47 w.w., tanks....gal. .07⅜- .08
San Francisco, tanks....gal. .11½- —
Kola nuts, bgs....lb. .09 - .10

L

Lady slipper root, bls....lb. 1.40 - 1.45
Lanolin (see Adeps lanae).
Lard,[1,8] pure, ref., trcs....lb. .1522½- —
Chicago ....lb. .1455- —
Larkspur seed, bgs....lb. 3.25 - 3.50
Laurel berries, bls....lb. .25 - .26
Laurel leaves, Cyprus, bls....lb. .30 - .31
Greek, bls....lb. No stocks
Portuguese, bls....lb. .17½- .18
Turkish, bls....lb. .32 - .33
Lavender flowers, medium, bls.lb. .80 - —
ordinary, bls....lb. .45 - .50
select, bls....lb. .90 - .95
Lead,[1,8] (metal) (see paint market).
Acetate,[1] white, broken, bbls.lb. .12½- —
cryst., bbls....lb. .12½- —
gran., powd., bbls....lb. .13¼- —
Lead arsenate,[1,6] paste, standard, cns., c.l..lb. .05¾- .06
l.c.l. ....lb. .06 - .06¼
powder, basic, 3-lb. bgs. or larger, c.l..lb. .11½- .12
l.c.l. ....lb. .12 - .12½
1-lb. ctns., c.l....lb. .13½- .22½
l.c.l. ....lb. .19 - .23
standard, 3-lb. bgs. or larger, c.l..lb. .11 - .11½
l.c.l. ....lb. .11½- .12
1-lb. bgs., c.l....lb. .16 - .20
l.c.l. ....lb. .16¼- .20½
1-lb. ctns., c.l....lb. .18 - .22
l.c.l. ....lb. .18½- .23½
½-lb. ctns., c.l....lb. .21 - .25
l.c.l. ....lb. .21½- .25½

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .07½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07¾- —
l.c.l., dlvd. E....lb. .07¾- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms....lb. .49 - —
Iodide, NF V, powd., bots..lb. 2.80 - —
jars ....lb. 2.69 - —
Linoleate, pale, precip., bbls.lb. .22½- —
Metallic paste, works....lb. .19¾- .21½
Naphthenate, 24%-30% Pb 50-gal. dms..lb. .14¼- .17½
Nitrate, bbls....lb. .12½- —
Oleate, bbls....lb. .17¾- —
Peroxide, powd., tech., bbls..lb. .22 - —
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
other points....lb. .09 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾- —
Ariz., Idaho, Nev. Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¼- —
Colo., Mont., N. Mex., Wyo..lb. .10 - —
other points....lb. .09½- —
smaller lots, Ala., etc.lb. .10¼- —
Ariz., etc....lb. .10¾- —
Colo., etc....lb. .10½- —
other points....lb. .10 - —
97% Pb_3O_4, bbls., c.l., dlvd. Ala., etc..lb. .09½- —
other points....lb. .09¼- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10 - —
Ariz., etc....lb. .10½- —
Colo., etc....lb. .10¼- —
other points....lb. .09¾- —
smaller lots, dlvd. Ala., lb. .10¾- —
Ariz., etc....lb. .11 - —
Colo., etc....lb. .10¾- —
other points....lb. .10¼- —
98% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .09¾- —
other points....lb. .09½- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc....lb. .10¾- —
Colo., etc....lb. .10½- —
other points....lb. .10 - —
smaller lots, dlvd. Ala., etc..lb. .10½- —
Ariz., etc....lb. .11¼- —
Colo, etc....lb. .11 - —
other points....lb. .10½- —
in oil, 95% min., kgs....lb. .14 - —
Resinate, precip., 23.3% Pb, 160-lb. dms..lb. .17½- —
Silicate, bgs....lb. .0730- .0780
Soyate, 26.15% Pb. 50-gal. dms. lb. .22¼- —
Stearate, bbls....lb. .31 - .32
Sulphate (see Lead, white, basic sulphate).
Tallate, 10% Pb, 60-gal. dms., lb. .08¼- —
Titanate, bgs., bbls., c.l., works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼- —
Pac. Cst., ex whse..lb. .11½- —
smaller lots, E. frt. alld. lb. .11½- —
Pac. Cst., ex whse..lb. .11¾- —
White, basic carbonate, dry, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .08½- —
dlvd., other points..lb. .08¼- —
l.c.l., dlvd. Ariz., etc.lb. .08¾- —
other points....lb. .08½- —
basic sulphate, dry, bbls., c.l., dlvd. Ariz., etc..lb. .07½- —
other points....lb. .07¼- —
l.c.l., dlvd. Ariz., etc..lb. .08 - —
other points....lb. .07½- —
in oil, consumers, kgs....lb. .13¼- .13¾
dealers, 100-lb. kg....lb. .11¼- .11½
painters, 100-lb. kg....lb. .12¼- .12½
Lecithin, edible, dms., c.l....lb. .25¼- —
l.c.l. ....lb. .26½- .45
in cocoa butter, dms., c.l....lb. .39½- —
l.c.l. ....lb. .40¾- .59
pure vegetable, bots., 100-lb. lots..lb. 2.75 - —
tech., dms., c.l....lb. .25¼- —
l.c.l. ....lb. .26½- .45
Lemon peel, bls....lb. .35 - .40
Licorice extract, mass, cns....lb. .25 - .72
powd., bbls....lb. .60 - .88
root, natural, Indian, bls....lb. .12 - .14
powder, bbls....lb. .18 - .20
Russian, bls....lb. .08½- .09
Spanish, bls....lb. .12 - .13
Lignin extract, tanning grade, bgs., c.l., works..lb. .04 - —
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.—
Adams, Mass....ton. 8.00 - —
Annville, Pa....ton. 7.50 - —
Bellefonte, Pa....ton. 7.50 - —
Berkley, W. Va....ton. 7.50 - —
Carey, Ohio....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo....ton. 6.50 - —
Keystone, Ala....ton. 6.25 - —
Knoxville, Tenn....ton. 6.25 - —
Limedale, Ark....ton. 7.00 - —
Longview, Ala....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Martinsburg, W. Va.ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind....ton. 6.50 - —
Newala, Ala....ton. 6.25 - —
Rincon, Cal....ton.13.00 - —
Ripplemead, Va....ton. 7.00 - —
Riverton, Va....ton. 7.00 - —
Rockland, Me....ton. 8.00 - —

Enemies in an Undeclared War

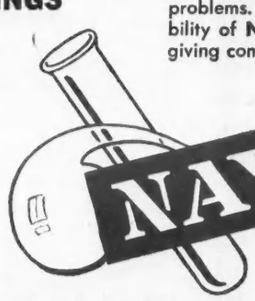
NAYLEE
NAYPAR
CHLORINATED PARAFFIN
FOR
FIREPROOF
WATERPROOF
AND
MILDEW-PROOF
COATINGS

One of the biggest selling points postwar textiles and fabrics can offer is being tried and proved *now* on our farflung battlefronts, from the merciless tropical heat of New Guinea and Africa to the icy wastes of the Aleutians.

Today NAYLEE NAYPAR CHLORINATED PARAFFIN is helping safeguard Allied lives and matériel against the ravages of fire, water and mildew. Tomorrow it will help protect many different types of products against these same destructive forces.

The need for fabric treated so as to render it resistant to fire, water and mildew, demanded improved Techniques. Tested and approved—successfully used in the impregnation, along with other pigments, of millions of yards of canvas, duck, and other textiles, for the armed forces, **Naypar** has demonstrated its dependability under the most trying conditions.

Now **Naypar** is ready to do a job for you—the fact that it is noted for its stability, uniformity and compatibility and is miscible in a wide range of solvents makes possible a much broader application for chlorinated paraffin, which indicates many new uses in other fields. Consult us with your problems. Our chemists may be able to help you to determine the suitability of **Naypar** to your product. WRITE for FREE, informative folder giving complete Technical information.



NAYLEE
CHEMICALS
FOR INDUSTRY

NAYLEE CHEMICAL COMPANY

MILNOR ST. & ROBBINS AVE. PHILADELPHIA 35, PA.

(Warehouses from Coast to Coast)

Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. San Francisco, Cal..ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 9.00 - —
hydrated, paper bags, f.o.b. Adams, Mass..ton. 9.00 - —
Annville, Pa.....ton. 9.00 - —
Bellefonte, Pa.....ton. 9.00 - —
Berkley, W. Va.....ton. 9.00 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 9.00 - —
Crab Orchard, Tenn..ton. 9.00 - —
Eagle Mountain, Va..ton. 8.50 - —
Farnams, Mass.....ton, 9.00 - —
Gibsonburg, Ohio....ton. 9.00 - —
Hannibal, Mo.....ton. 9.00 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 9.00 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich..ton. 9.00 - —
Rapid City, S. D..ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
Rockland, Me.....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 9.00 - —
York, Pa.....ton. 9.00 - —
spray, paper bgs., f.o.b. Adams, Mass..ton. 9.50 - —
Annville, Pa.....ton. 9.50 - —
Bellefonte, Pa.....ton. 9.50 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton.10.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J....ton. 9.00 - —
Marblehead, Ohio....ton.11.00 - —
Rockland, Me.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.50 - —

Lime salts (see Calcium).

Lime-ammonia-nitrogen,[6] 20.5% N, bgs., works..ton. No stocks

Linalool, cns.....lb. 6.75 - 7.00

Linalyl acetate, cns.....lb. 3.25 - 8.75

Linden flowers with leaves, bls..lb. .95 - 1.00

Linseed meal,[1] 34%, bulk, c.l.ton.45.00 - —
32%, bulk, c.l.....ton.43.00 - —

Litharge, com'l powd., bbls., c.l., dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore., and Wash..lb. .08¼- —
other points.....lb. .08 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
Other points.....lb. .08½- —
smaller lots, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
Other points.....lb. .09 - —

Lithium bromide, bbls., 100 lbs., works, frt. equald..lb. 1.90 - —
smaller lots, works....lb. 1.92 - 1.95
Carbonate, NF, 250-lb. bbls., kgs..lb. 1.25 - 1.30
Chloride, jars.....lb. 1.65 - 1.70
Citrate, bbls., dms., kgs.....lb. 1.40 - 1.45
Fluoride, bbls.....lb. 2.45 - 2.60
Hydroxide, jars.....lb. 1.25 - 1.40
Iodide, 5-lb. bots.....lb. 5.20 - —
25-lb. jars.....lb. 5.05 - —
Stearate, fib. dms., 3 tons, works..lb. .50 - —

Lithopone,[1] ordinary, bgs. (20 tons)..lb. .04½- —
smaller lots.....lb. .04½- —
bbls., c.l. (20 tons).....lb. .04½- —
smaller lots.....lb. .04¾- —
titanate,[8] (high-strength), bgs., c.l..lb. .0560- —
smaller lots.....lb. .0585- —
bbls., c.l.....lb. .0585- —
smaller lots.....lb. .0610- —
Lithopone, c.l., dlvd. Pac. Cst., ¼c. higher; l.c.l., ex whse. Pac. Cst., ½c. higher.

Liverwort leaves, bls.....lb. .95 - 1.00

Lobelia herb, bls.....lb. 1.00 - 1.05

Lobeline sulphate, bots., wks..oz.25.50 -38.00

Logwood, cryst., No. 1, bbls...lb. .29 - —
No. 2, bbls.....lb. .26 - —
extract, liquid, No. 1, bbls..lb. .14 - —
No. 2, bbls.....lb. .13 - —
No. 3, bbls.....lb. .12½- —
No. 4, bbls.....lb. .10 - —
solid, No. 1, bxs.....lb. .23½- —
No. 2, bxs.....lb. .21½- —

Lupulin, NF, tins.....lb. 7.00 -10.00

Lycopodium, USP, cs.....lb. 2.75 - 3.00

M

Mace,[1] Amboyna, cs.....lb. .77 - .78
Banda, cs.....lb. .98 Nom.
West Indian, bgs.....lb. .62 - .63
broken, bgs.....lb. .55 - .56

Madder, Dutch, bbls.....lb. .24 - .30

Magnesia arsenate,[1,6] dms....lb. .153 - .18
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls.....lb. .08¼- —
kgs.....lb. .09½- —
USP, Zone 1, c.l., bgs.....lb. .08 - —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls.....lb. .09½- —
kgs.....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls.....lb. .06½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .08¼- —
bbls.....lb. .09¼- —
kgs.....lb. .10½- —
Magnesia carbonate:—Zone 1—Conn., Del., D. of C., Md., Mass., N. J., N. Y., Pa. and R. I. Zone 2—Balance of U. S. Frt. alld. Phillipsburg, Plymouth Meeting and Valley Forge. Freight allowed on l.c.l. incl., dlvd. storedoor.

Magnesia chloride, anhyd., bbls., dlvd..lb. .12¾- —
flake, bbls., c.l., works...ton.32.00 - —
l.c.l., works.....ton.39.00 -42.00
Fluoride, bbls.....lb. .40 - .50
Hydroxide, med., bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns.....lb. 1.45 - —
Laurate, bbls.....lb. .33 - .35
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls. lb. .60 - —
Silicate (see Talc).
Silicofluoride, bbls.....lb. .08 - .09
Stearate, bbls.....lb. .31 - .32
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. contracts..lb. .37 - —
smaller lots, dms.....lb. .42 - —
Magnesite, cal., powd., bags, f.o.b. mines, Calif..ton.58.75 - —
dead-burnt[1] bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -32.00
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. No stocks
Leaves, bls.....lb. .40 - .55
Manaca root, bls.....lb. .24 - .25
Mandrake root, bls.....lb. .23 - .25
Manganese acetate, dms.....lb. .25½- —
Arsenate,[6] bgs.....lb. .12 - .12¼
Borate, tech., bbls.....lb. .16 - .18
Carbonate, bbls.....lb. .19 - —
Chloride, anhyd., bbls.....lb. .15 - .18
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works ton.74.00 - —
5-15 tons, works..ton.77.00 - —
smaller lots, works.ton.82.00 - —
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
l.c.l., 5 tons, works..ton.77.00 - —
smaller lots, works..ton.82.00 - —

Manganese, Caucasian, 85-90%, burlap bgs., c.l., works. ton.71.75 - —
l.c.l., 5 tons, works..ton.74.75 - —
smaller lots, works..ton.79.75 - —
85-90%, paper bgs., c.l., works..ton.70.00 - —
l.c.l., 5 tons, works..ton.73.60 - —
Glycerophosphate, bgs., bbls., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs.....lb. 3.27 - —
Hydrate, bbls., dlvd.....lb. .26 - —
Iodide, bots., 5 lbs.....lb. 5.70 - —
jars, 25 lbs.....lb. 5.55 - —
Linoleate, liquid, 4%, dms...lb. .20 - —
solid, precip., 8.2%, bbls...lb. .22 - —
Naphthenate, 6% Mn, 50-gal. dms..gal. .16 - —
Resinate, fused, 3½%, bbls..lb. .09 - .10½
precip., dms.....lb. .14½- .15½
Soyate, 8.2% Mn, 50-gal. dms.. lb. .22 - —
Sulphate, anhyd., dms., works. lb. No stocks
feed grade, 77-80%, bgs....lb. .04 - .05
fertilizer, 65%, $MnSO_4$, bgs., c.l., dlvd. East..ton.59.50 - —
l.c.l., bgs., same basis or f.o.b. Balto. and Cincinnati..ton.68.50 - —
industrial grade, 80%, $MnSO_4$, bgs..lb. .05 - .05¾
Tallate, 4% Mn, 50-gal. dms.lb. .09 - —
Mangrove bark, E. Afr., if and when available, bgs., based on freight $18, insurance $1 per ton. Any difference for buyers' account.....ton.70.00 - —
Manna flake, cs.....lb. No stocks

Mannitol,[6] com'l grade, bbls., works..lb. .35 - .40
reagent grade, 50-lb. cs. or multiples, works..lb. .85 - —
Manure, sheep, bgs., c.l., Midwest shipping points..ton.14.50 -20.00
kiln-dried, bgs., c.l., f.o.b. Chicago..ton.17.50 -25.00
Marjoram, Argentine, bls.....lb. .29 - .30
California, French type, bls., f.o.b. Pacific Coast..lb. .45 - .47
Chilean, bls.....lb. .31 - .32
Portuguese, wild, bls.....lb. .30 - .31
Matico leaves, bls.....lb. .22 - .29
Menthol,[1] natural, Brazil, cs..lb.15.50 -16.75
synthetic, USP, cs.....lb.13.00 - —
racemic, cns.....lb. 8.60 - 9.15
Menthyl salicylate, tins.....lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10% tubs..lb. .70 - .72
30%, pails.....lb. 1.19 - 1.21
50.% pails.....lb. 1.54 - 1.56
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride[3] (see Corrosive sublimate).
Bisulphate,[3] dms.....lb. 2.15 - 2.17
Chloride,[3] (see Calomel).
Cyanide,[3] cryst., powd.....lb. 3.34 - —
Iodide,[3] red, NF, dms., kgs.lb. 3.90 - —
yellow, fib. dms., kgs.....lb. 4.00 - —
Nitrate ointment (see Citrine ointment).
Oxide,[3] NF (see Red precipitate).
tech. (see Red, mercury oxide)
yellow, NF VI, fib. dms..lb. 2.34 - 2.36
red,[3] NF (see Red, precipitate).
tech. (see Yellow, mercury oxide).
Mercury and chalk,[3] 5-lb. ctns.lb. 1.49 - 1.54
dms.....lb. 1.42 - 1.44
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks.....lb. .10½- —

DOW INDUSTRIAL CHEMICALS

Dow industrial chemicals are readily available from strategically located plants. Too numerous to include in its entirety because of the limitations of space, the partial list, given below, of industrial chemicals produced by Dow is the second and final list. It is made available to you for clipping and ready reference. Chemicals not appearing here have been included in a list in an earlier issue of this publication.

Hexachlorethane
Monochloracetic Acid
Monochlorbenzene
Monoethanolamine
Muriatic Acid
Orthochlorphenol
Orthocresotinic Acid
Orthodichlorbenzene
Orthophenylphenol
Parachlorphenol
Paraphenylphenol
Para Tertiary Butyl Phenol
Perchlorethylene
Phenol
Phenol Derivatives
Phenol Sulfonic Acid
Propylene Dichloride
Propylene Glycol
Propylene Oxide
Sodium Sulphide
Styrene
Sulphur Chloride
Tetrachlorethane, Ind. Grade
Triethanolamine
Triethylene Glycol
Trichlorbenzene
Triphenyl Phosphate
1, 1, 2- Trichlorethane

DOW

THE DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN

New York • Boston • Philadelphia • Washington • Cleveland • Detroit • Chicago • St. Louis
Houston • San Francisco • Los Angeles • Seattle

DOW Industrial Chemicals

Metal leaf, composition, 5½x5½ in..pkg. 3.00 - —
Gold X+, deep, 23, 3⅜x3⅜ in. pkg.15.00 - —
Silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[1,6] natural, all grades, dms., c.l., E. of Miss. R. gal. .63 - .66
l.c.l., same basis.....gal. .73 - .76
tanks, same basis.....gal. .60 - —

Inside prices on natural methanol are drums extra; outside drums included. Prices W. of Miss. R. 3c. higher.

synthetic,[2,6] dms., c.l., Zone 1, frt. alld..gal. .31 - —
2, frt. alld. or dlvd...gal. .34 - —
3, frt. alld.....gal. .38 - —
4, frt. alld.....gal .38 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .36 - —
2, frt. alld.....gal. .48 - —
3, dlvd. S. F. and L. A., gal. .41 - —
4, frt. alld. or dlvd...gal. .51½- —
tanks, Zone 1, frt. alld...gal. .24 - —
2, frt. alld.....gal. .27 - —
3, frt. alld.....gal. .29 - —
4, frt. alld.....gal. .29 - —

Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in Zone 4 have the option of buying at the delivered Zone 4 price or at the Zone 3 price, f.o.b. Los Angeles and San Francisco.

Methyl abietate, dms., c.l., dlvd. lb. .0722- —
l.c.l., 10-dm. lots, dlvd...lb. .0847- —
single dms., dlvd.....lb. .0947- —
smaller cont.. dlvd.....lb. .1447- —
hydrogenated, dms., c.l., dlvd. lb. .1122- —
l.c.l., 10-dm. lots, dlvd...lb. .1247- —
single dms., dlvd.....lb. .1347- —
smaller cont., dlvd.....lb. .1847- —
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½- .12
W. of Miss.....lb. .11½- .13
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13½
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10½- —
tech., dms., c.l., E. of Miss. lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .10¼
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..gal. .29½- —
Acetone, natural, Group A, dms., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis.....gal. .76 - —
tanks, same basis.....gal. .60 - —

Natural methyl acetone quoted dms., included by Group A. Prices W. of Miss. R., 3c. per gal. higher.

Methyl acetone, nat., Group B, dms., c.l., Zone 1, frt. alld., gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis. gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis. gal. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .64½- —

Natural methyl acetone quoted drums extra by Group B. Sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los An., San Fran., Seattle, Wash., Portland, Ore.; Zone 4, Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

synthetic, dms., c.l., Zone 1, gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 4.....gal. .45½- —
Zone 4.....gal. .45½- —

Synthetic methyl acetone sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Alcohol (see Methanol).

Anthranilate, 100-lb. lots....lb. 2.20 - 2.50
25-lb. lots, bots.....lb. 2.35 - 2.65
Benzoate,[6] ctns.....lb. .70 - 1.10
Bromide, cns.....lb. .75 - .80
cyls.....lb. .65 - .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., cyl. mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .36 - .40

Methyl chloride quotations are spot or contract, ship. point. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders, uniformly 10c. per pound higher.

Cinnamate, cns.....lb. 1.50 - 4.00
Formate, dms.....lb. .80 - —
Lactate, dms., c.l., dlvd.....lb. No stocks
Iodide, bots.....lb. 4.00 - 4.15
Salicylate,[1] 500-lb. dms.....lb. .35 - —
25-50 lbs.....lb. .37 - .38
Methylamyl ketone, dms., cns., works..lb. .25 - .28
Methylcellulose, specl., vis. (4,000 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
100 to 1,999 lbs., frt. alld.lb. .65 - —
1 to 99 lbs., works.....lb. .70 - —
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
100 to 1,999 lbs., frt. alld. lb. .58 - —
1 to 99 lbs., works.....lb. .63 - —
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, medicinal, kgs. 100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks..lb. .18 - .28
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone,[6] dms., E. of Rocky Mts..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
tanks, same basis.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone,[6] dms., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11½- —
Methylnaphthyl ketone, cryst., cns..lb. 3.00 - 3.10
Methylpentanediol, com'l, dms., works..lb. .20 - —
Mica, dry grd.,[1] roofing, white, 20 mesh, bgs., c.l., f.o.b. works..ton.27.50 - —
l.c.l.....ton.32.50 - —
30-31 mesh, bgs., c.l..ton.27.50 - —
l.c.l.....ton.32.50 - —
40-45 mesh, bgs., c.l..ton.27.50 - —
l.c.l.....ton.32.50 - —
80 mesh, bgs., c.l.....ton.35.00 - —
l.c.l.....ton.38.00 - —
paint, plastic, 100 mesh, c.l., bgs..ton.40.00 - —
l.c.l.....ton.43.50 - —
wet-grd.,[1] biotite, c.l., bgs..lb. .03¾- —
l.c.l.....lb. .04¼- —
1,000 mesh, bgs., c.l.....lb. .03¾- —
l.c.l.....lb. .04¼- —
white, 1,000 mesh, bgs., c.l., lb. .03¾- —
l.c.l.....lb. .04¼- —
paint or lacq., c.l., bgs.....lb. .04¾- —
l.c.l.....lb. .05¼- —
paper, bgs., c.l.....lb. .04¾- —
l.c.l.....lb. .05¼- —
rubber, c.l., bgs.....lb. .04¼- —
l.c.l.....lb. .05 - —
wallpaper, bgs., c.l.....lb. .04¾- —
l.c.l.....lb. .05¼- —

Mica, dry grd., quoted works; wet grd. and 1,000-mesh mica in carload lots is frt. alld. E.; less carload lots ex whse. or frt. alld. E. Prices of the wet grd. are ½c. per lb. higher W. of Miss. R. and 1c. per lb. higher W. of Rockies.

Milk powder, skimmed,[1] roller, bulk, Zone A, bbls..lb. .12½- —
Zone B.....lb. .12¾- —
spray, bbls., bulk, Zone A..lb. .14½- —
Zone B.....lb. .14¾- —

Milk powder Zones are:—Zone A, all States not included in Zone B. Zone B, Conn., Del., D. C., Mass., Md., Me., N. J., N. H., N. Y., Pa., R. I. and Vt.

whole, roller, bbls.....lb. .35 - —
spray, bbls.....lb. .36 - —
Sugar,[1] bbls., c.l., works....lb. .26 - —
l.c.l., works.....lb. .26¾- .27¼
Mineral spirits (see Petroleum, mineral spirits)
Molasses,[1,2] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2, same basis....gal. .18½- —
Area 3, same basis....ton.26.00 - —
Area 4, same basis....ton.29.00 - —
Area 5, same basis....ton.34.60 - —

Note—Area No. 1, Fla., Ga., La., Tex., Area No. 2, Mass., Md., N. J., N. Y.; Area No. 3, Calif.; Area No. 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area No. 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.

Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,6] kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide,[6] pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., works.....lb. .80 - —
Monoamylamine, dms., basis 100%, c.l., works..lb. .61 - —
l.c.l., works.....lb. .64 - —
Monoamylnaphthalene, l.c.l., dms., works..lb. .17 - —
Monobutylamine, dms., basis 100%, c.l., works..lb. .48 - —
l.c.l., works.....lb. .51 - —
Monochlorobenzene, dms., c.l..lb. .05½- —
l.c.l.....lb. .07 - .09
tanks.....lb. .05 - —
Monoethanolamine,[6] dms., c.l., frt. alld. in E..lb. .24½- —
l.c.l., dms., same basis....lb. .25½- —
tanks, same basis.....lb. .23½- —
Monoethylamine, basis 100%, dms., c.l., works..lb. .43 - —
l.c.l., works.....lb. .46 - —
Monoethylanilin, dms.....lb. .47 - —
Monomethyl para-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monomethylamine, dms.....lb. .65 - —
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromine, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, 5 oz. bots.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c.l., works..lb. .67 - —
smaller containers, works....lb. .12 - .13
Mullein leaves, cns.....lb. .75 - —
Musk, nat., Tonquin, grains, bots. oz.40.00 -45.00
synth., ambretta, cns., 100 lbs. or more..lb. 4.00 - 9.00
25 lbs. to 75 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
ketone, cns., 100 lbs. or more. lb. 4.15 - 9.25
25 lbs. to 75 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more. lb. 1.40 - 2.05
25 lbs. to 75 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.90
Musk root, bls.....lb. 2.25 - 2.30
Mustard seed, Calif., brown, bgs. lb. .16 - .16½
Montana, yellow, bgs.....lb. .12 - .12½
Washington, yellow, bgs.....lb. .12 - .12½
Myrobalans,[2] J1, whole, bgs., frt. guar., insurance, $1. Any difference for buyers' account. ton.70.00 - —
crushed, same basis.....ton.75.00 - —
J2, whole, bgs., same basis... ton.58.00 - —

CCI

HEAVY CHEMICALS

SULPHURIC ACID
ELECTROLYTE
MURIATIC ACID
SALT CAKE
TEXINE ACID INHIBITOR
ALUMINUM SULPHATE
AMMONIA ALUM
POTASH ALUM

POTASSIUM SULPHATE
BONE BLACK
BONE MEAL
BONE FLOUR
BONE GREASE
BONE OIL
BONE GLUE

HIDE GLUE
DIGESTA BONE MEAL
EDIBLE GELATIN
EXTRACTED BONE GLUE
MEAT SCRAP
TANKAGE
SULPHATE OF AMMONIA
TALLOW

OUR LARGE, MODERN, CONVENIENTLY LOCATED PLANTS staffed by able chemists and engineers, assure your getting the chemical content you specify and delivery when promised

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LITTLE ROCK, ARK. BUENOS AIRES, ARGENTINA

CONSOLIDATED CHEMICAL INDUSTRIES INC.

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).

Naphthalene,[2,6] crude, dom., 74°, bgs., c.l., frt. equald..lb. .03 - —
bbls., c.l., same basis...lb. .031 - —
tanks, same basis.....lb. .0275- —
78°, bgs., c.l., same basis, lb. .0325- —
bbls., c.l., same basis...lb. .0335- —
tanks, same basis.....lb .03 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .08 - —
50-lb. cs., same basis...lb. .08¼- —
1-lb. pkgs., same basis...lb. .08¾- —

Neocinchophen, USP, dms.....lb. 7.00 - 7.10

Nepheline syenite, glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N Y..ton.15.50 - —
Nepheline syenite in bgs. is priced $2 per ton above the bulk quotations.

Nerolin, cryst., cns.....lb. 1.70 - 2.00

Niacin (see Acid, nicotinic).

Nickel,[2,6] carbonate, bbls.....lb. .36 - .36½
Chloride,[2] obls.....lb. .18 - .20
Cyanide,[2] bots., dms.....lb. No stocks
Oxide,[2,6] black, bbls.....lb. .35 - .38
Salt,[2,6] bbls.....lb. .13 - .13½

Nicotine, sulphate, 40%, dms., 50 lbs..lb. .7980- —
tins, 10 lbs.....lb. .90 - —

Nicotinamide,[6] dms.....kilo.13.25 -13.55

Nikethamide, bots., cbys.....lb.18.00 -19.00

Nitercake, bulk, works.....ton.16.00 - —

Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. .....lb .09 - —
tanks .....lb. .07 - —

Nitrocellulose, alcohol-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works. lb. .26 - —
5-7, 40-60 cps., same basis, lb. .27 - —
ester-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works..lb. .26 - —
5-7, 15-20 cps. and higher, bbls., dry weight, l.c.l., works..lb. .25 - —
Nitrocellulose:—Denatured alcohol A used in manufacture is charged extra. Barrels extra, but returnable.

Nitroethane, dms., l.c.l., wks..lb. .25 - —

Nitrogen, solut.,[6] tanks...ton N.10 8.21 - —
Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis Hopewell, Va.

Nitrogenous process tankage,[1] bulk, works.....unit-ton. 3.15 - 3.50
sewage sludge,[1] bulk, works, unit-ton. 2.60 + .40- 3.00 + .40

Nitromethane, dms., l.c.l., works, lb. .25 - —

Nitronaphthalene, bols.....lb. .24 - .26

Nitropropane 1, dms., works..lb. .25 - —
II, dms., same basis.....lb. .25 - —

Nutgalls,[6] Aleppo, bgs.....lb. .44 - .45
Chinese, bgs.....lb. .39 - .40

Nutmegs,[1] E. I., grinding, bgs., lb. .45 - .46
100's, bgs.....lb. .47 - .48
West Indian, No. 1, bgs.....lb. .34 - .34½

Nux vomica, pls.....lb. .09 - .11
powder, bbls., bxs.....lb. .12 - .18

O

Oakbark extract,[1,6] 25% tan., bbls., c.l., works..lb. No stocks

Octane,[1] 100-140° C., industrial grade, dms., c.l., G.S..gal. .15½- —
l.c.l., G.S.....gal. .2 - —
10 gals., G.S.....gal. .55 - —
tanks, G.S.....gal. .13 - —

Octanol, normal,[6] tech., 360-lb. dms., dlvd..lb. .85 - —

Oil, almond, bitter, artl. (see Benzaldehyde).
bitter, F.P.A.....lb. 4.50 Nom.
natural, USP, bots.....lb. Nominal
sweet, exp., dms., cns.....lb. 1.50 - 1.60
Angelica root, bots.....lb.140.00-150.00
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, USP, cns., dms.....lb. No stocks
Apricot kernel, cns.....lb. .45 - .55
Avocado, cns., dms.....lb. 1.05 - 1.25
Babassu,[1,6] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns.....lb. 1.45 - 1.65
Puerto Rican, 55-60%, cns..lb. 1.65 - 1.75
Bergamot, artif., cns.....lb. 2.25 - 9.65
natural, Italian, coppers...lb.25.00 Nom.
Brazilian, cns.....lb.10.00 -10.25
Birch (see Oil, sweet birch).
Birchtar, crude.....lb. No stocks
rectified, cns.....lb. No stocks
Bois de Rose, Brazil, cns....lb. 4.50 - 4.75
Mexican (see lignaloe wood).
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech, dms.....lb. 1.90 - 2.00
redistilled, USP X, cns....lb. 2.30 - 2.50
Calamus, cns.....lb.22.50 -25.00
Camphor, sassafrassy, cns..lb. No stocks
white, cns.....lb. No stocks
Cananga, native, cns.....lb.11.75 -12.00
rectified, cns.....lb.13.25 -14.00
Capsicum (oleoresin), USP VII, cns..lb. 4.50 - 4.65
Caraway, USP, cns.....lb.17.00 -20.00
Cardamom, bots.....lb.19.00 -21.00
Cassia, USP, cns.....lb.12.00 Nom.
Castor,[1] blown, dms., returnable, c.l..lb. .15¼- —
l.c.l. .....lb. .16 - —
cold pressed, USP, bbls.,c.l.lb. .14 - —
cns. .....lb. .15¾- .17¾
dms., returnable, c.l....lb. .13¾- —
l.c.l. .....lb. .14½- —
tanks .....lb. .12 - —
dehyd., bodied, dms., c.l...lb. .1790- —
l.c.l. .....lb. .1880- —
tanks .....lb. .1750- —
unbodied, dms., c.l. ....lb. .1890 - —
tanks .....lb. .1850- —
No. 3, tech., bbls., c.l.....lb. .13¾- —
l.c.l. .....lb. .14½- —
dms., returnable, c.l...lb. .13¾- —
l.c.l. .....lb. .14½- —
tanks .....lb. .12¾- —
sulphonated, 50% (48% fat), dms., c.l..lb. .10 - —
l.c.l. .....lb. .11 - —
75% (63% fat), dms., c.l..lb. .12¼- —
l.c.l. .....lb. .13½- —
80% (68% fat), dms., c.l..lb. .13½- —
l.c.l. .....lb. .14½- —
Cedarleaf,[1] cns., dms.....lb. 2.65 - 2.85
Cedarwood, dms.....lb. 1.00 - 1.25
Celery, bots.....lb.19.50 -22.00
Chaulmoogra, USP, cns....lb. .70 - .75
Chinawood, (see Oil, tung).
Cinnamon bark oil, bots....lb.36.00 -40.00
leaf oil, dms.....lb. 1.50 - 1.85
Citronella, Ceylon, cns.....lb. .95 - 1.00
Java, cns.....lb. No stocks
Clove, USP, cns.....lb. 1.75 - 1.80
Coconut,[1,6] Manila, crude, bulk, c.l.f., N. Y..lb. .0835- —
ret. dms.....lb. .0885- .0985
edible, ex tax, dms.....lb. .0985- —
Cod, Newfoundland, dms...gal. .85 - .88
tankcar .....gal. .83 - —
Codliver,[6] med., USP, bbls., dms..gal. 2.30 - 2.40
Coriander, bots.....lb.26.00 -35.00
Corn,[1,6] crude, tanks, works.lb. .12¾- —
edible, dms., l.c.l.....lb. .16¼- .16½
tanks .....lb. .1502- —
foots, acid 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dlvd. E..lb. .06½- —
Cottonseed,[1,6] cooking, l.c.l., ret. dms..lb. .16¼- —
foots, acid, 95%, tankcar, dlvd. E..lb. .07⅝- —
raw, 50%, tankcar, dlvd. E., lb. .03⅝- —
salad, l.c.l., ret. dms.....lb. .16¼- —
Creosote (see C).
Croton, NF, cns.....lb. 3.00 - 4.00
Cubeb, USP, cns.....lb. No prices.
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.00 -10.00
Cypress, bots.....lb.12.00 - —
Degras (see D).
Dillseed, bots.....lb.10.00 Nom.
weed, bots.....lb. 4.75 - 5.00
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, cns.....lb. 1.10 - 1.20
Fennel, sweet, cns.....lb. 4.50 Nom.
Fir, Canada, cns.....lb. 2.00 - 2.75
Fishliver,[1,6] dms., less than 40,000 A units per gram per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram, per million units. .001 - —
200,000 or more A units per million units. .80 - —
Fuel (see Petroleum, fuel oil),
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, cns..lb.12.50 -13.50
Bourbon, cns.....lb.13.00 -14.00
Russian, cns.....lb.13.00 - —
Turkish (see Oil, palmarosa).
Grapefruit, cns.....lb. 2.00 - 2.10
Ginger, dist., bots.....lb.20.00 -22.50
Hemlock, cns.....lb. 2.65 - 3.50
Juniper berry, cns.....lb.15.00 -16.00
wood, tech., cns.....lb. 1.00 - 1.25
Juniper tar, USP, dms.....lb. .90 - 1.00
Lard,[6] common, 1 bbl.....lb. .14 - —
extra, No. 1, bbls.....lb. .14½- —
Winter, strained, bbls...lb. .16 - —
prime, burning, bbls....lb. .16 - —
ined, bbls. .....lb. .15½- —
Laurel, bots.....lb. No prices
Lavender flower, French, cns., lb. 8.50 -16.00
Russian, cns. .....lb.11.00 -11.50
garden, cns. .....lb. .55 - .75
spike, Spanish, pure, cns...lb. 3.50 - 4.00
tech., cns.....lb. 2.75 - 3.00
Lavandin, cns., 25 lbs.....lb. 3.00 - —
Lemon, Calif., cns.....lb. 3.25 - —
Messina, cns.....lb. 3.25 - —
Terpeneless .....lb.25.00 -50.00
Lemongrass, cns., dms.....lb. 1.50 - 1.60
Lignaloe wood, Brazilian (see Bois de Rose).
Mexican, seed, cns.....lb. No stocks.
wood, cns.....lb. 3.20 - 3.25
Lime, dist., Jamaica, cns...lb. 6.50 - 7.50
Mexican, cns. .....lb. 6.00 - 6.50
expressed, Jamaica, cns...lb.11.00 -12.50
Linseed, raw, dms., c.l.....lb. .1550- .1560
l.c.l. .....lb. .1600- .1660
tankcar .....lb. .1470- —
tankwagon .....lb. .1470- —
Boiled linseed oil, .004 over raw.
Linseed replacem't, dms.....lb. .1310- .1510
tankcar .....lb. .1270- .1470
Lubricating,[1] at refinery, ex-tax, California, neutrals, pale, 200-800 vis., 2¾-4 pour, tanks..gal. .07¼- .11
red, 200-900 vis., 4-6½ pour, plus tanks..gal. .07¼- .11¼
Oil, lub., at ref'y, ex tax, Group 3, bright stock, 150-160 vis., 0-25 pour, tanks..gal. .25 - —
300 vis., No. 3 col., 0-10 pour, tanks..gal. .14½- .18
200-220 vis., No. 2 col., 15-25 pour tanks..gal. .15 - .17½
140-150 vis., No. 8 color, 10-25 pour, tanks..gal. .24 - .30
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
600-650 steam ref'd, tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 0-25 pour, tanks..gal. .29 - .31
200 vis., 0-25 pour, tanks..gal. .31 - .33
Mace, dist., cns., dms.....lb. 5.00 - 5.25
Mandarin, Brazilian, cns....lb. 8.75 - 9.00
Italian, coppers.....lb. No stocks
Menhaden,[1,6] crude, tanks, Balto..lb. .0835- .0890
light-pressed, ret. dms....lb. .1160- .1180
tanks .....lb. .1080- —
ref'd, alkali, ret. dms....lb. .1260- .1280
kettle-boiled, ret. dms....lb. .1360- .1380
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. No stocks
Mustard seed,[6] exp., dms....lb. .14¾- —
Neatsfoot, 15°, c.l., bbls....gal. 1.90 - —
20°, c.l., bbls.....gal. 1.80 - —
30°, c.l., bbls.....gal. 1.60 - —
pure, bbls. .....lb. .18¼ Nom.
Neroli, bots.....lb.220.00 -275.00
Nutmeg, dist., cns., dms.....lb. 5.00 - 5.25
Oiticica,[1] liquid, dms.....lb. .20 - .20¼
tanks .....lb. No stocks
Oleo,[6] 1, bbls.....lb. .13¾ Nom.
Olibanum, bots. .....lb. 5.00 - —
Olive, denat., dms.....gal. No stocks.
edible,[1] Calif., ¼%-3% f.f.a., dms..gal. 4.30 - 4.80
imported, dms.....gal. No stocks.
foots, dms. .....lb. No stocks.

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Cyclamal

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Ionone A. B.

Ionone Methyl

Hydratropic Aldehyde

Para Methyl Hydratropic Aldehyde

Veratraldehyde

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Phenyl AcetAldehyde DiMethyl Acetal

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Oil, olive, sulphonated, 50% (40% fat), dms., c.l. lb. No prices
c.l. lb. No prices
80% (68% fat), dms., c.l. lb. No prices.
l.c.l. lb. No prices.
85% (68% fat), dms., c.l. lb. No prices.
l.c.l. lb. No prices.
Orange, sweet, dist., cs. lb. 1.00 - —
expressed, Brazilian, cns. lb. 1.15 - 1.20
Calif., cns. lb. 1.45 - 1.60
Florida, cns., dms. lb. 1.10 - 1.20
Messina, USP, coppers. lb. No stocks
West Indian, cns. lb. 3.75 - 4.00
sequiterpeneless, bots. lb. 97.00 -100.00
Origanum, Spanish, cs. lb. 2.40 - 2.75
Palm,[1,5] Niger, dms. lb. .0865- —
Palmarosa, cns. lb. 5.50 Nom.
Paraffin,[1] 300° flash, 100-110 vis., tanks, G.S. gal. .05¾- —
320° flash, 60-70 vis., tanks, same basis. lb .05¼- —
350° flash, 70-80 @ 100 vis., 0/10 pour. gal .08 - —
80-85 vis., 0/10 pour, bbls., extra, Ind.refy. gal. .12 - —
100-110 vis., 0/10 pour, same basis. gal. .08½- —
10/25 pour, same basis. gal .08¾- —
350° flash, 100-105 vis., 0/10 pour, same basis. gal. .14 - —
Patchouli, cns. lb. 20.00 Nom.
Peanut,[1,5] crude, tanks, mill. lb. .13 - —
bichd., deod., tankcar lb. .1501- —
hydrogenated, tanks lb. .1573- .1578
foots, acid, 95%, tanks, dlvd. E. lb. .03 - —
raw, 50%, tanks, dlvd. E. lb. .04 - —
Pennyroyal, dms., cns. lb. 4.10 - 4.25
import, cns. lb. No prices
Peppermint, natural, dms. lb. 7.50 - —
redist., USP, dms. lb. 8.05 - —
Perilla, crude, dms. lb. No stocks.

Oil, petitgrain, Paraguay, cns., dms. lb. 1.60 - 1.70
Pimento, berry, dms. lb. 6.90 - 7.00
Leaf, cns. lb. 4.50 - 4.75
Pine,[1,6] ret., dms., c.l., dlvd. E. gal. .63 - .63½
l.c.l., ret., dms., dlvd. E. gal. .73 - —
tanks, works. gal. .55 - —
Pineneedle, cns. lb 3.25 - 3.50
Putty,[2] bbls., E. Segundo, Richmond, Cal. gal. .22½- —
contracts gal. .19½- —
dms., c.l., Whiting, Ind. gal. *.34 - —
Boston, Providence. gal. .25 - —
l.c.l., same basis. gal. .27 - —
tanks, same basis. gal. .18 - —
Martinez, Cal. gal. .28 - —

* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1,5] denat., bulk, c.l.f. N. Y. lb. .1150- —
Red,[5] dist dms., dlvd. lb. .12¾- .13¾
tanks, dlvd. lb. .12 -
double dist., ret. dms. lb. .15¼- .16¼
Saponified same prices.
Rose, natural, coppers. oz. 30.00 -40.00
Rosemary, Spanish, cns., dms., N. Y. lb. 1.70 - 2.10
Rosin, 1st rectified, dms. gal. .66 - —
2d rectified, dms. gal. .68 - —
3d rectified, dms. gal .72 - —
Rue, bots. lb. 8.25 Nom.
Sage, Spanish, cns. lb. 3.60 - 5.00
Sandalwood, NF, dist., cns. lb. 6.75 - —
Mysore, cns., case lots lb. 7.00 - 7.25
Sardine, crude,[1,5] tanks, Pac. Coast. lb. .08 - .080
light-pressed, ret. dms. lb. .1160- —
tanks lb. .1080- —
ref'd alkali, ret. dms. lb. .1260- —
kettle-boiled, ret. dms. lb. .1360- —

Oil, sassafras, artif., cns. lb. 1.05 - 1.40
natural, cns., dms. lb. 1.90 - 2.00
Savin, cns. lb. No stocks
Savory, cns. lb. 8.00 - —
Sesame,[1,5] tanks. lb. .1430- —
Shingle stain, bbls., c.l., works, gal. .19 - —
l.c.l., works. gal. .20 - —
tanks, works. gal. .14 - —
Snake root, Canada, cns. lb. No stocks
Soybean,[1,5] crude, tanks, Decatur. lb. .1175- —
clarif., dms. lb. .1296- .1336
tanks lb. .1256- —
deod., Winter, tankcar lb. .1393- —
ret. dms. lb. .1500- .1540
foots, acid, 95%, tanks, dlvd. E. lb. .07½- —
raw, 50%, tanks, dvld. E. lb. .05½- —
refd., varnish, dms. lb. .1386- .1406
tanks lb. .1340- .1347
Spearmint, dms. lb. 4.00 Nom.
Sperm,[2] bleach, 38°, dms. lb. .1443- —
natural, 45°, dms. lb. .1310- —
Spruce,[1] cns., dms. lb. 2.65 - 2.85
Sunflower, refined,[5] tanks. lb. .1468- —
semi-refined, tanks. lb. .1430- —
Sweet birch, North, cns. lb. 4.00 - 5.00
South, cns. lb. 2.50 - 3.75
Tall, crude, dms., c.l., works. ton. 53.65 -55.00
l.c.l., works. ton. 58.65 -63.65
tanks, works. ton. 40.00 -45.00
refined, dms., c.l., works. lb. .05 - .05¼
l.c.l., works. lb. .05½- —
tanks, works. lb. .04½- —
Tallow,[5] acidless, bbls. lb. .14¼- —
tanks lb. .13¾- —
Tansy, cns. lb. No stocks
Tar,[1] pine, dms., c.l., dlvd. E. cities. gal. .32¾- —
l.c.l., f.o.b. works. gal. .29¾- —
tanks, dlvd. E. cities. gal. .27 - —
rect., USP, bbls. gal. .60½- —
Tar acid (see T).

Oil, thyme, NF, red, cns. lb. 2.50 - 3.50
white, cns. lb. 2.65 - 4.00
Tung,[1,5] dms. lb. .39 - —
tanks lb. .38½- —
Turkey red (see Castor, sulphorated).
Turpentine (see T).
Vetiver, Bourbon, bots. lb. 35.00 -40.00
Whale,[5] ref., natural, dms. lb. .1187 Nom.
winter, bleach, dms. lb. .1232 Nom.
Wheat germ, dms. gal. 10.00 -15.50
White mineral, tech., 50-60 vis., dms., c.l. gal. .38 - —
l.c.l. gal. .42 - .45
65/75 vis., c.l. gal. .36 - —
l.c.l. gal. .42 - .45
USP, 80/90 vis., dms., dm. charges not included, c.l. gal. .39 - —
l.c.l. gal. .45 - .48
95/105 vis., dms., c.l. gal. .44½- —
l.c.l. gal. .50½ .53½
125/135 vis. dms., c.l. gal. .49 - —
l.c.l. gal. .55 - .58
145/155 vis., dms., c.l. gal. .54 - —
l.c.l. gal. .57 - .60
175/185 vis., c.l. gal. .54½- —
l.c.l. gal. .60½- .63½
200/210 vis., c.l. gal. .58 - —
l.c.l. gal. .64 - .67
320/330 vis., c.l. gal. .65 - —
l.c.l. gal. .71 - .74
335/345 vis., c.l. gal. .66 - —
l.c.l gal. .72 - .76
San Francisco, 55, 70 and 85 vis., ret. iron dms., 65 dms. gal. .40 - —
64-1 dms. gal. .42 - .45
100 vis., 65 dms. gal. .49½- —
64-1 dms. gal. .51½- .54½
145 vis., 65 dms. gal. .57 - —
64-1 dms. gal. .59 - .62
185 vis., 65 dms. gal. .60½- —
64-1 dms. gal. .62½- .65½
340 vis., 65 dms. gal. .72 - —
64-1 dms. gal. .74 - .77
Wintergreen, nat., North, cns. lb. 6.50 - 8.50
South, cns. lb. 4.00 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed,[1] cns. lb. 5.00 - 5.15
Ylang-ylang, Bourbon, bots. lb. 9.50 -10.00
Oleostearin,[1] bbls. lb. .1054- —
Olivine, aggregate, c.l., mines, ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works. ton. 8.00 - —
paper bgs., c.l., works. ton. 9.50 - —
lumps, same basis. ton. 7.00 - —
spalls, same basis. ton. 5.00 - —
Opium gum, USP, cns., 50-lb. lots. lb. 13.00 - —
25-lb. lots lb. 13.25 - —
smaller lots lb. 13.50 -13.65
Prices on powd. and gran. USP opium are $1.50 per pound higher.
Orange, dinitroaniliin toner,[1] lb. 1.05 - —
Lake, Persian,[1] bbls. lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash. lb. .12¾- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash. lb. .12¾- —
Colo., Mont., N. M., Wyo. lb. .13¼- —
other points lb. .12 - —
smaller lots, dlvd. Ala., etc. lb. .12¾- —
Ariz., etc. lb. .13¼- —
Colo., Mont., N. M., Wyo. lb. .13 - —
Other points lb. .12½- —
Molybdate,[1,5] bbls. lb. .41 - —
Orthonitroaniliin toner,[1] kgs., works. lb. .80 - —
bbls. lb. .80 - 1.05
Orange peel, bitter, Haitian, bgs., lb. .11 - .11¼
sweet, bls. lb. .16 - .20
Oregano, Mexican, curly leaf, bgs. lb. .09½- .10
flat leaf, bgs. lb. .09 - .09½
Orris root, African, bls. lb. .85 - .90
powd., bbls., bxs. lb. .90 - .95
Portuguese, bls. lb. .75 - .80
Verona, bls. lb. 1.25 - 1.30
Orthoamylphenol, dms., works. lb. .25 - —
Orthoanisidin, bbls. lb. .70 - —
Orthochloroaniliin, dms. lb .60 - .70
Orthochlorophenol, dms. lb .32 - —
Orthocresol,[2,6] 30.4°C. Min. M.P., dms., c.l., works lb 17½- .18
l.c.l., same basis lb 18 - .18½
29.0°C. Min. M.P., dms., c.l., works. lb. 16½- .17
l.c.l., same basis lb. 17 - .17½
Orthodichlorobenzene, dms., c.l. works, frt. alld. E. of Rockies. lb .07 - —
l.c.l., same basis lb .08 - —
tanks, same basis lb. .06½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher
Orthonitroaniliin, dms. lb .45 - —
Orthonitrochlorobenzene, dms. lb. .15 - .18
Orthonitroparachlorophenol, cns. lb. .75 - —
Orthonitrotoluene, dms. lb. .09 - —
Orthophenetidin, dms lb. .82 - —
Orthotoluidin, dms lb. .19 - —
Osage orange, crystals, bbls. lb. .23 - —
extract, No. 1, bbls lb. .11 - —
No. 2, bbls lb. .10 - —
Oxyquinolin sulphate, cns., 100 lbs., works. lb. 3.50 - —
smaller lots lb. 3.75 - 4.15

P

Papain, powd., cs. lb. 2.25 - 2.50
Papaverine natural, synthetic, hydrochloride, NF, cns., 100-oz. lots oz. 7.00 -
smaller lots oz. 7.05 - 7.35
sulphate, cns. oz. 7.10 - 7.36
Paprika,[1] Chilean, good, bgs. lb. .27 - .27½
Portuguese, choice, bgs. lb. .39 - .39½
extra fancy, bgs. lb. .38 - .38½
good, bgs. lb. .35½- .36
Spanish, fancy, bgs. lb. .43 - .44
good, bgs. lb. .36 - .37
fair, bgs. lb. .32 - .33
Para-anisidin, dms., works lb. .75 - —
Parachlorophenol, dms., wks. lb. .32 - —
Paracresol,[6] bbls., wks lb. .41 - —
Paracymene, dms., c.l., works lb. .1595- —
l.c.l., same basis lb. .1645- —
tanks, same basis lb. .1545- —
Paradichlorobenzene dms., c.l., works. lb. 11 - 13
l.c.l., same basis lb. .12½- .15
Paraffin, crude scale, white or yellow, 119-121 ASTM, bbls., c.l., refinery lb. .04¼- —
fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery lb. .05 - —
120-122 ASTM, same basis, lb. .0520- —

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DODGE & OLCOTT COMPANY
180 Varick Street, New York, N. Y.

FRITZSCHE BROTHERS, INC.
76 Ninth Avenue, New York, N. Y.

Distributors for: CALIFORNIA FRUIT GROWERS EXCHANGE PRODUCTS DEPT., ONTARIO, CALIF.

Producing Plant:
Exchange Orange Products Co., Ontario, California

Copyright 1943, California Fruit Growers Exchange, Products Dept.

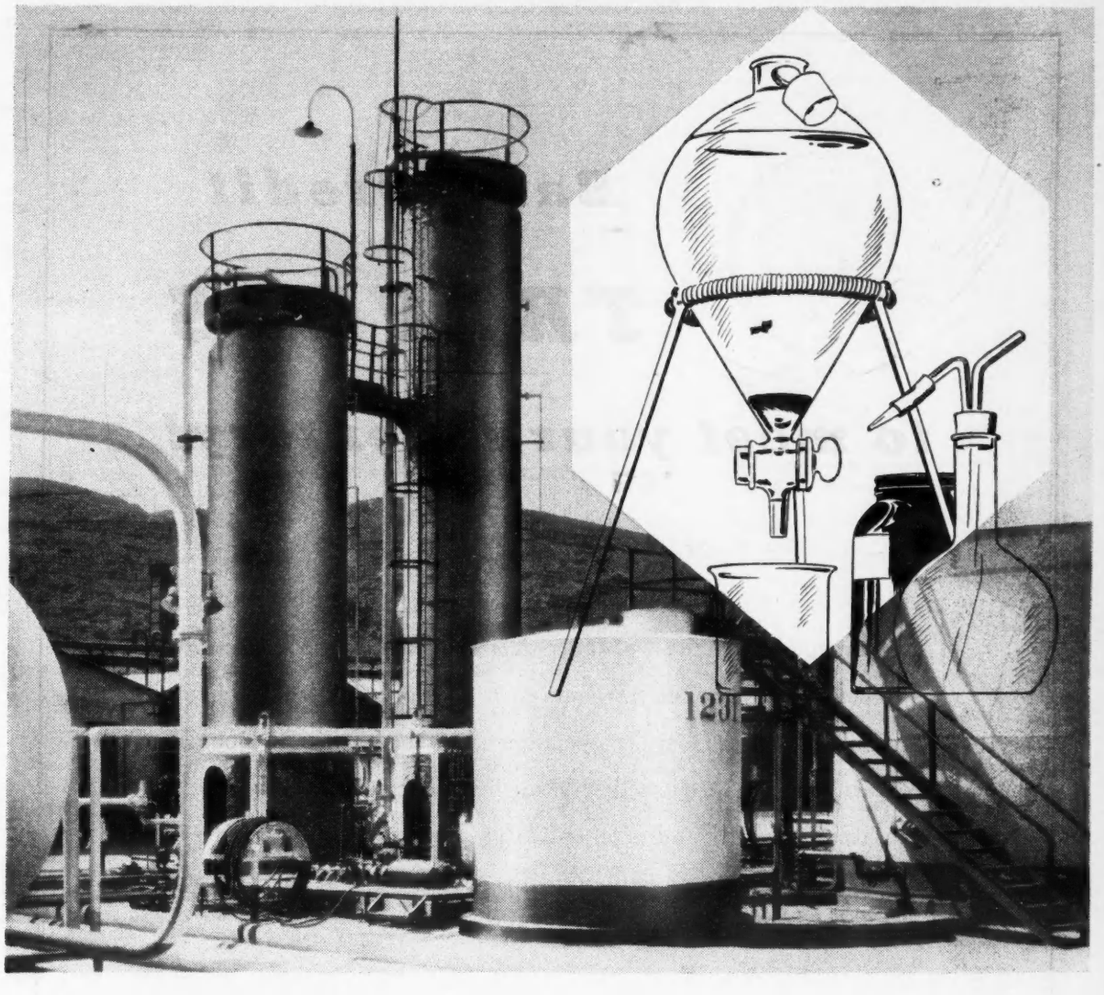
Exchange BRAND
OIL OF
ORANGE
U. S. P.

Paraffin, fully ref'd, slabs, loose, 122-124 ASTM, same basis, lb.	.0520-	—
125-127 ASTM, same basis, lb.	.0560-	—
127-129 ASTM, same basis, lb.	.0585-	—
128-130 ASTM, same basis, lb.	.0585-	—
130-132 ASTM, same basis, lb.	.0615-	—
132-134 ASTM, same basis, lb.	.0640-	—
135-137 ASTM, same basis, lb.	.0715 -	—
140-142 ASTM, same basis, lb.	.0810-	—
146-148 ASTM, same basis, lb.	.1050-	—
Prices in bags 4/10c. per lb. higher than those for slabs loose.		
Paraformaldehyde,[2,5] dms., 1,000 lbs. or more, works. lb.	.21 -	—
smaller lots, works. lb.	.22 -	—
Paraldehyde, tech., 95%, 55 and 110-gal.dms., l.c.l., works. lb.	.12 -	—
and 10-gal. dms., works. lb.	.15 -	—
USP, cns., cbys. lb.	.85 -	.45
Paranitroaniln, kgs., works. lb.	.43 -	.45
Paranitrochlorobenzene, k g s., works. lb.	.15 -	—
Paranitrophenol, kgs. lb.	.35 -	—
Paranitrotoluene, kgs., works. lb.	.30 -	—
Paraphenylenediamine, t e c h ., kgs. lb.	2.00 -	—
Paratoluenesulphonamide, bbls. lb.	.70 -	—
Paratoluidin, bbls., works. lb.	.48 -	—
Paris green,[1] dealer, dms., kgs., c.l., works, frt. alld. lb.	.20 -	.25
l.c.l., same basis. lb.	.21 -	.26
Passion flower herb, bls. lb.	.16 -	.20
Patchouli leaves, bls. lb.	.34 -	.35
Pectin, bbls. lb.	.85 -	—
Penicillin,[6] hospitals, institutions, ampules per 100,000 units.	2.40 -	2.60
for gov. purchases, ampules, per 100,000 units.	1.50 -	—
Pennyroyal leaves, bls. lb.	.16 -	.18
Pentachlorophenol, dms., works, lb.	.20 -	.25
Pentaerythritol,[4] CP, bbls., dlvd. lb.	.75 -	—
less than barrel lots. lb.	1.00 -	—
tech., bbls., c.l. lb.	.29 -	—
l.c.l. lb.	.33 -	—
Tetra-acetate, bbls., dlvd. lb.	1.00 -	—
less than barrel lots. lb.	1.50 -	—
Pentane,[1] 28°-38° C., industrial grade, dms., c.l., Group 3, gal.	.11 -	—
l.c.l., Group 3. gal.	.19 -	—
tanks, Group 3 gal.	.07½-	—
laboratory grade, dms., c.l., gal.	.16 -	—
l.c.l. gal.	.29 -	—
10 gal. gal.	.55 -	—
Pepper, black,[1] 15 tons, bgs. lb.	.10 -	—
50 to 100 bgs. lb.	.1050-	—
24 bgs. lb.	11.00 -	—
red, chillies, Carolina, longs, bgs. lb.	.29	Nom.
sports, bgs. lb.	.45 -	.46
Congo, bgs. lb.	.25 -	.26
Louisiana, sports, bgs. lb.	.45 -	.46
longs, old crop, bgs. lb.	.27¼-	.27¾
Mombassa, bgs. lb.	.22¼-	.22¾
Niger, fair, bgs. lb.	.22 -	.22½
Sierra Leone, bgs. lb.	.22 -	.22½
Unganda, washed, bgs. lb.	No stocks	
white,[1] 15 tons, bgs. lb.	.1161	Nom.
24 bgs. lb.	.1295	Nom.
Peppermint, USP, bls. lb.	.70 -	.75
Import, bls. lb.	.90	Nom.
Perchloroethylene,[6] d m s., c.l., works, frt. alld., Zone 1. lb.	.0782-	.0800
l.c.l., same basis. lb.	.0832-	.0850
Zone 2, dms., c.l., works, frt. alld. lb.	.0832-	.0850
l.c.l., same basis. lb.	.0882-	.0900
Zone 3, dms., c.l., works, frt. equald. lb.	.0882-	.0900
l.c.l., same basis. lb.	.0932-	.0950
Zone 4, dms., c.l., f.o.b. stock point. lb.	.0882-	.0900
l.c.l., same basis. lb.	.0932-	.0950
Perchlorethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S.C., S.D.; (3) Col., Mont. (E), N.M. Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont (W), Nev., Ore., Utah, Wash.		
Peru balsam, dms. lb.	1.15 -	1.20
Petrolatum, tech., dark, bbls., Group 3, c.l. lb.	.021 -	—
golden Topaz, bbls., c.l. lb.	.032 -	—
l.c.l. lb.	.036 -	—
red, veterinarian, bbls., c.l. lb.	.024 -	—
l.c.l. lb.	.028 -	—
USP, amber, dms., c.l. lb.	.03¼-	—
l.c.l. lb.	.04¼-	—
extra amber, dms., c.l. lb.	.03½-	—
l.c.l. lb.	.04½-	—
cream, dms., c.l. lb.	.04¾-	—
l.c.l. lb.	.06¾-	—
yellow, soft, dms., c.l. lb.	.03¼-	—
l.c.l. lb.	.04¼-	—
white, lily, dms., c.l. lb.	.05½-	—
l.c.l. lb.	.07 -	—
snow, c.l., dms. lb.	.06½-	—
l.c.l. lb.	.07¾-	—
soft, c.l., dms. lb.	.05¼-	—
l.c.l. lb.	.06¾-	—
Deposit on ret. dms., $4.		
Petroleum, crude, bulk, at wells, California, heavy grades. bbl.	.93 -	1.01
Illinois bbl.	1.37 -	—
Kentucky, Union County. bbl.	1.32 -	1.37
Louisiana-Arkansas bbl.	.86 -	1.20
Oklahoma-Kansas bbl.	.85 -	1.28
Pennsylvania bbl.	1.31 -	3.00
Texas, Gulf Coast bbl.	1.06 -	1.36
North, North-Central bbl.	1.01 -	1.28
West bbl.	.70 -	1.12
Panhandle bbl.	1.10 -	1.22
Savannah, Ga. bbl.	1.60 -	1.77
Wyoming bbl.	1.12 -	—
Ether, laboratory, grade, 30-60° C., dms., c.l., Group 3., gal.	.18 -	—
l.c.l. gal.	.29 -	—
10 gals. gal.	.55 -	—
35-60° C., dms., c.l. gal.	.29 -	—
10 gals. gal.	.55 -	—
40-75° C., dms., c.l. gal.	.16 -	—
l.c.l. gal.	.29 -	—
10 gals. gal.	.55 -	—
Fuel oil, furnace, tanks, at refinery:— Arkansas, No. 1. gal.	.04 -	—
Nos. 2 and 3. gal.	.03½-	—
California, heavy bbl.	1.10 -	—
light bbl.	1.20 -	—
diesel gal.	.04 -	—
stove dist. gal.	.05 -	—
Group 3, No. 3. gal.	.03½-	—
Group 3, No. 5. bbl.	.85 -	—
No. 6. bbl.	.80 -	.85
Kansas, No. 6. bbl.	.85 -	.90
Oklahoma, No. 2. gal.	.03¾-	—
No. 6. bbl.	.90 -	—
14-16 bbl.	.97 -	—
Pennsylvania, No. 1. gal.	.07 -	.07¾
No. 2. gal.	.07 -	.080[illegible]
No. 3. gal.	.06¾-	.07¾
36-40 gravity. gal.	.07 -	.07¾

Petroleum, fuel oil, bunker C, Baltimore, Md. bbl.	1.65 -	1.77
Boston, Mass. bbl.	1.65 -	1.[illegible]
Charleston, Mass. bbl.	1.60 -	—
Jacksonville, Fla. bbl.	1.60 -	—
New York, N. Y. bbl.	1.65 -	2.07
Norfolk, Va. bbl.	1.65 -	1.77
Philadelphia, Pa. bbl.	1.65 -	—
Portland, Me. bbl.	1.80 -	—
Providence, R. I. bbl.	1.65 -	—
Savannah, Ga. bbl.	1.65 -	1.77
Wilmington, N. C. bbl.	1.65 -	—
Lacquer diluent, at refinery:— California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles, gal.	.11 -	—
Fort Wells, Wash. gal.	.12 -	—
San Francisco. gal.	.11½-	—
Willbridge, Ore. gal.	.12 -	—
East Coast, N. J., N. Y., tanks. gal.	.11½-	—
gal.	.07¾-	—
Group 3, benzol type, tanks.		
toluol type, tanks. gal.	.07¾-	.07⅞
Mineral spirits, at refinery, California (f.o.b. San Francisco), 163-252 b.r., tanks., gal.	.10½-	—
198-200 b.r., tanks. gal.	.10¼-	—
246-397 b.r., tanks. gal.	.10¼-	—
312-408 b.r., tanks. gal.	.09 -	—
362-488 b.r., tanks. gal.	.09 -	—
East Coast, N. J., N. Y. gal.	.10 -	—
Group 3, tanks. gal.	.06¼-	—
tankwagon, Baltimore. gal.	.12 -	.13
Boston gal.	.12 -	—
Bridgeport, Conn. gal.	.1430-	—
Buffalo gal.	.1240-	—
Camden, N. J. gal.	.11 -	—
Chicago gal.	.13½-	—
Detroit gal.	.1580-	—
Hartford gal.	.1630-	—
Kansas City, Mo. gal.	.1480-	—
Lancaster, Pa. gal.	.12 -	—
Milwaukee gal.	.1440-	—

Petroleum, mineral spirits, tankwagon, Minneapolis. gal.	.1420-	—
Newark (200 gal.). gal.	.11 -	—
New York (200 gal.). gal.	.11 -	—
Philadelphia gal.	.11 -	—
Pittsburgh gal.	.129 -	—
Providence gal.	.13 -	—
Rochester gal.	.1320-	—
St. Louis gal.	.1370-	—
Syracuse gal.	.14 -	—
Washington, D. C. gal.	.13 -	—
Wilmington, Del. gal.	.13 -	—
Naphtha, cleaners, at refinery:— California (f.o.b. San Francisco), tanks. gal.	.12 -	—
East Coast, N. J., N. Y., tanks. gal.	.11 -	—
Group 3, tanks. gal.	.07½-	—
tankwagons, Newark. gal.	.12 -	—
Bridgeport gal.	.1730-	—
Chicago gal.	.1380-	—
Detroit gal.	.15 -	—
Milwaukee gal.	.1440-	—
Minneapolis gal.	.1420-	—
New York. gal.	.12 -	—
Philadelphia gal.	.125 -	—
St. Louis. gal.	.1470-	—
high-solvency, No. 1, over 76% arom., tanks, Bayway, N. J. gal.	.21½-	—
No. 2, over 90% arom., same basis. gal.	.21½-	—
No. 3, same basis. gal.	.22½-	—
No. 8, tanks, same basis, gal.	.228 -	—
No. 80, tanks, f.o.b. Kingsland, N. J., frt. alld. gal.	.228 -	—
No. 40, tanks, Wilmington, Cal. gal.	.18½-	—
V.M.&P., at refinery:— California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo. gal.	.11 -	—
Richmond gal.	11¼-	—

Petroleum, naphtha, VM&P, at ref'y, Willbridge, Ore., Pt. Wells, Wash. gal.	.12 -	—
54-77 190 i.p.b., 310 e.p. tanks, dlvd. Los Angeles, gal.	.10 -	—
San Francisco. gal.	.10½-	—
Portland, Seattle. gal.	.11 -	—
Group 3, tanks. gal.	.07½-	—
Gulf Coast (dlvd. New Orleans), tanks. gal.	.06½-	—
tankwagon, Boston. gal.	.14 -	—
Chicago gal.	.1380-	—
Detroit gal.	.15 -	—
Milwaukee gal.	.1540-	—
Minneapolis gal.	.1520-	—
Newark (200 gal). gal.	.125 -	—
New York. gal.	.12 -	—
Philadelphia gal.	.125 -	—
Pittsburgh gal.	.12½-	—
St. Louis. gal.	.1470-	—
Solvent, rubber, at refinery, California (f.o.b. San Francisco). gal.	.25½-	—
East Coast, N. J., N. Y., tanks. gal.	.11 -	—
Group 3, tanks. gal.	.07¼-	.07¼
Stoddard (CS 8-33), at refinery:— California (f.o.b. San Francisco), tanks. gal.	.11 -	—
East Coast, N. J., N. Y., tanks. gal.	.10 -	—
Group 3, tanks. gal.	.06¾-	—
Pennsylvania, w e s t e r n, tanks. gal.	.07¼-	.07½
tankwagon, Baltimore. gal.	.13 -	—
Boston gal.	.12 -	—
Chicago gal.	.13½-	—
Detroit gal.	.1580-	—
Milwaukee gal.	.1440-	—
Minneapolis gal.	.1420-	—
Newark gal.	.11 -	—
New York. gal.	.11 -	—
Philadelphia gal.	.11 -	—
Pittsburgh gal.	.12½-	—
St. Louis. gal.	.1370-	—
Syracuse gal.	.14 -	—



Out of Petroleum : your chemicals of *tomorrow*

Out of Petroleum, Oronite Research is creating chemicals that are finding application in many industrial fields. Some of these are familiar substances which will become available in greater quantity thanks to an abundant source of crude material. Others are newly discovered chemicals—products of the ingenuity of Oronite chemists.

Oronite Research Laboratories are leading the way in the development of these chemicals from petroleum. The men who work in these laboratories are doing more than create new materials. They are carefully studying the characteristics of these products and paving the way for their commercial application in highly diversified fields.

Oronite Chemicals may not now be available to you, for even those which are already in commercial production are largely subject to war-time allocations. But all of our data is at your disposal, and our research staff is ready to help you with your particular problems.

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Colodorant* (Natural Gas Odorant)
Oronite Cresylic Acids
Oronite Naphthenic Acids
Oronite Aliphatic Acids
Oronite Sodium Sulfonates
Oronite Wetting Agents

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ORONITE CHEMICAL COMPANY

Russ Building, San Francisco 4, Calif.
30 Rockefeller Plaza, New York 20, N. Y.
White-Henry-Stewart Bldg., Seattle 1, Wash.
Standard Oil Bldg., Los Angeles 15, Calif.

ORONITE CHEMICALS

909

Petroleum xylol solvent. See Xylol petroleum solvent.

Phenobarbital, 5-lb. cns.....lb. 3.60 - 3.70
dms., 100 lbs.....lb. 3.50 - —

Phenol,[3,6] 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald., lb. .10 - —
l.c.l., same basis.....lb. .10¾- —
tanks, same basis.....lb. .09 - —

82-84% (cresol, 16-18%), dms., c.l., same basis..lb. .09¾- .10¼
l.c.l., same basis.....lb. .10½- .10¾
tanks, same basis.....lb. .08¾- .09¼

USP, dms., c.l., works, frt. equald..lb. .10½- —
l.c.l., same basis.....lb. .11¼- —
tanks, same basis.....lb. .09½- —

Phenolphthalein, USP, bbls., dms., 2,000 lbs..lb. .85 - —
smaller lots.....lb. .87 - .93
yellow, fib. dms., 2,000 lbs...lb. .80 - —
smaller lots.....lb. .82 - .87

Phenothiazin, N.F., fib. dms., 2,000-lb. shipt..lb. .49 - —
smaller lots, same basis..lb. .54 - —

Phenylacetaldehyde, 50% solut., bots..lb. 2.45 - 3.00
100% solut.. bots.....lb. 4.40 - 5.00

Phenylethyl acetate, cns.....lb. 2.45 - 3.00

Phenylethylphenyl acetate, bots., lb. 5.50 - 7.00

Phenylhydrazin, base, CP, bots. lb. 4.55 - —
Hydrochloride, CP, bots., worksb. lb. 7.10 - —
commercial, kgs., works....lb. 1.75 - —

Phloroglucinol, CP, fib. dms...lb. 13.75 -14.75
tech., fib. dms.....lb. 12.00 -12.50

Phosgene, ton lots, works.....lb. .19 - —

Phosphate rock,[1,6] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-68% b.p.l., M.P.R. 240 provisions, bulk, f.o.b. car, mine, c.l..... long ton. 2.20 - —
70-68% b.p.l., M.P.R. 240 provisions, same basis..long ton. 2.60 - —

Phosphate rock, Fla., land pebble, ungrd., run-of-pile, 72%-70% b.p.l., M.P.R. 240 provisions, same basis..long ton. 3.20 - —
75%-74% b.p.l., M.P.R. 240 provisions, same basis..long ton. 4.20 - —
77%-76% b.p.l., M.P.R. 240 provisions, same basis..long ton. 5.20 - —
entirely pebble 50c. per ton higher than above prices.
80%, P_2O_5 minimum, short ton. 2.90 - —
31%, P_2O_5 minimum.. short ton. 3.10 - —
70%, basis 32%, P_2O_5 minimum..short ton. 3.45 - —

Tenn., brown, unground, run-of-mine, 70%-68% b.p.l., 5% l. & s., M.P.R. 240 provisions, same basis, long ton. 5.00 - —
72%-70% b.p.l., 5½% l. & s., M.P.R. 240 provisions, same basis..long ton. 5.50 - —
refinery ground, same basis, long ton. 4.65 - —
30%, P_2O_5, same basis..... short ton. 4.35 - —
31%, P_2O_5, same basis..... short ton. 4.55 - —
32%, P_2O_5, same basis..... short ton. 5.20 - —
33%, P_2O_5, same basis..... short ton. 5.70 - —

Phosphate, defluorinated (see under D).

Phosphorus,[6] red amorphous, cs., lb. .40 - .44
tins, export.....lb. .55 - —
Yellow, dms.....lb. .25 - —
cs.....lb. .23 - .25

Oxychloride,[6] cyls.....lb. .15 - .18

Pentoxide,[6] dms., c.l., wks..lb. .11 - .12
l.c.l., works.....lb. .13 - .14

Sesquisulphide,[6] cs.....lb. .38 - .42

Trichloride,[6] cyls.....lb. .15 - .16

Phthalamide, bbls., works.....lb. .35 - .40
kgs., works.....lb. .45 - .50

Phthalic anhydride,[6] bgs., bbls., c.l., works, frt. alld. E. of Denver..lb. .13 - —
l.c.l., same basis.....lb. .14 - —

Pichi leaves, bgs.....lb. .08 - .09½

Picoline (see Alphapicoline and Betapicoline).

Picrotoxin, bots.....oz. 8.00 - —

Pilocarpine hydrochloride, USP, bots., vis..oz. 3.90 - 5.25
Nitrate, bots., vis.....oz. 3.80 - 5.15

Pimento,[1] Jamaica, bgs.....lb. .21½- .22
Mexican (see Allspice, Mexican).

Pinkroot, bls.....lb. 1.85 - 1.90

Piperazine hexahydrate, bots..lb. 16.00 - —

Pitch, burgundy (see B).
Coaltar,[2] 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l., works.....ton. 22.00 - —

Cottonseed, dms., works.....lb. .04 - .06
Hardwood, paper bgs., works..lb. .03½- —
Linseed, dms.....lb. .05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Soybean, dms., works.....lb. .04 - .06

Pine, dms.....100 lbs. 3.25 - —
stands, 200 lbs.....stand. 6.00 - —

Plaster of paris (see Gypsum).

Podophyllin, dms.....lb. 3.75 - 9.00
Pokeroot, bbls.....lb. .14 - .15

Polyamylnaphthalene, dms., l.c.l., works..lb. .25 - —

Pomegranate, root bark, bgs...lb. .80 - .85

Poppy flowers, bls.....lb. .60 - .70
Seed, Canadian, bgs.....lb. No stocks
domestic, blue, bgs.....lb. No stocks
Dutch, bgs.....lb. No stocks
Indian, white, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
cleaned, bgs.....lb. No stocks

Potash abietate.....lb. .08 - —
Acetate, USP, bbls., dms....lb. .28 - .30
cns.....lb. .31 - .33

Arsenite,[6] USP, solut., cbys., djns..lb. .13 - .15

Potash bicarbonate, USP, cryst., gran., bbls., dms..lb. .19 - .21
Bichromate,[6] bbls., cks., c.l., works..lb. .09¾- —
l.c.l., works.....lb. .09¾- .10
Potash bichromate in bgs., ½c. less.
Bromide, USP, gran., 500-lb. bbls., dms..lb. .27 - .31
100-lb. kgs.....lb. .23 - .32

Carbonate, calc., bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
dms., l.c.l., same basis..lb. .05¾- —
USP, gran., bbls., dms.....lb. .14 - .20
powd., bbls., dms.....lb. .19 - .21

Caustic, flake, 88-92%, dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .07½- —
45% basis, dms.....lb. .08¼- .08¾
tanks .....lb. .02½- —
liquid, dms., c.l., works, frt. alld..lb. .03 - —
l.c.l., dms., same basis..lb. .03½- —
tanks, same basis.....lb. .02¾- —
solid, 88-92%, dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
Chromate,[6] bgs.....lb. .24 - .28

Chlorate,[6] cryst., bgs., c.l., works..lb. .11 - .11¾
l.c.l., works.....lb. .119 - .13
powd., dms., kgs., c.l., works, lb. .09¾- .11¾
l.c.l., works.....lb. .119 - .13
export, 1 to 10 tons, kgs., ex whse..lb. .18 - .20

Chloride, cryst., tech., 98%, bgs., kgs..lb. .06 Nom.

Citrate, USP, gran., bbls., dms. powd., 3c. per lb. higher. .33½- .35¼

Cyanide,[6] dms., works.....lb. .— - —
Fluoride, bbls.....lb. .34 - .40

Glycerophosphate, 75% sol., cns., cbys..lb. 1.65 - 1.67
dms., 1,000 lbs.....lb. 1.50 - —
100 lbs.....lb. 1.60 - —

Guaiacolsulphonate, NF, dms.lb. 1.65 - 1.85
Hydroxide, USP, sticks, dms.lb. .34 - .36
Hypophosphite, cns.....lb. .72 - .75
Iodate, bots., 5 lbs.....lb. 3.46 - —
cns., 25 lbs.....lb. 3.35 - —
Iodide, bots., cns.....lb. 1.44 - 1.46
dms.....lb. 1.35 - 1.38

Manure salt, dom.,[6] 22% K_2O, f.o.b. Carlsbad, N. M..... unit-ton. .20 - —

Potash, manure salt, dom., 22% K_2O, seasonal contract discounts to March 31, 1945, 12%.
25% K_2O, same basis..... unit-ton. .21 - —

Metabisulphite, gran., bbls..lb. .19 - .21
powd., bbls.....lb. .25 - —

Muriate, dom.,[6] 60-62-63% K_2O, bulk, ex vessel, ports, unit-ton. .53½- —
Seasonal contract discounts to March 31, 1945, 12%.
granular, 50-52% K_2O..... unit-ton. .53½- —
Russian,[5] future shipt., subject to safe arrival.unit-ton. .53¼- —

Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal., 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.

Nitrate (see Saltpeter).

Oxalate, neutral, pure, gran., bbls., dms..lb. .37 - .50
tech., fine gran., bbls., dms., lb. .28 - .31

Perchlorate,[6] kgs., works....lb. .09¾- .11
Permanganate, tech., dms., works..lb. .19¾- .20¼
USP, dms., works.....lb. .20¼- .21
Prussiate, red, bbls., dms....lb. .50 - .53
Yellow, bbls.....lb. .16 - .17
Ricinoleate, tech., bbls.....lb. .18 - —
Silicate, glass, bgs., c.l., wks. ton. 290.00 - —
l.c.l .....100 lbs. 15.25 - —
solution, 29° Be, ret. drums, c.l., works..100 lbs. 4.25 - —
29° Be, ret. dms., l.c.l., 5 or more, works..100 lbs. 5.00 - —
1-4, works.....100 lbs. 5.50 - —
32° Be, ret. dms., c.l., works, 100 lbs. 4.75 - —
l.c.l., 5 or more, works. 100 lbs. 5.50 - —
1-4, works.....100 lbs. 6.00 - —
40.5° Be, ret. dms., c.l., works..100 lbs. 5.75 - —
l.c.l., 5 or more, works. 100 lbs. 6.50 - —
1-4, works.....100 lbs. 7.00 - —

Sulphate, N.F., gran.....lb. .14 - .20
powd., bbls.....lb. .15 - .21
tech., dom., bulk,[6] basis 90-95%, K_2SO_4, min., 90% ex vessel, Atl. or Gulf ports.. ton. 36.25 - —

Sulphocyanide, NF, dms.....lb. .70 - .75
Xanthate, dms., c.l.....lb. .12 - —

Potash-gold cyanide, 41% gold, bots., works..oz. 14.20 -14.95

Potash-magnesia sulphate, bulk,[6] min., 40%, K_2SO_4, 18.50% MgO, ex vessel, ports..ton. 36.00 - —

Potash-soda ferricyanide, dms., works..lb. .40 - .43

Potash-titanium oxalate, bbls., dms..lb. .45 - .50

Prickly ash bark, bls.....lb. .40 - .42
Berries, bgs.....lb. .23 - .25

Prince's pine herb, bls.....lb. .65 - .70

Procaine hydrochloride, cns., 100-lb. lots..lb. 3.75 - —
smaller lots.....lb. 4.25 - 4.75

Propane,[6] industrial grade, tanks, Group 3..gal. .03¾- —

Propyleneglycol, dms., c.l., frt. alld. in E..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —

Psyllium seed (see Fleaseed).

Pulsatilla, bls.....lb. .65 - .68

Pumice, grd., fine, bgs., ton lots. lb. .03¾- —
smaller lots.....lb. .03¾- .04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots..lb. .03¾- —
smaller lots.....lb. .03¾- .04¼
Chi., ton lots.....lb. .04½- —
Pumice in bbls., is ½c. per lb. higher.

Pumpkin seed, bgs.....lb. .38 - .40

Purple lake (see Red).

Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —

Pyrethrum,[1,6] concentrate, dewaxed, 20% for aerosol bombs, bbls., works.....lb. 9.25 - 9.50
liquid (20 to 1), basis 2 grams pyrethrins per 100 cc., bbls., works..gal. 7.15 - —
(30 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works..gal. 10.65 - —
flowers, coarse-grd., 0.9% pyrethrins, bbls., works..lb. .31½- —
fine-grd., 0.9% pyrethrins, bbls., works..lb. .33¾- —
powder, 0.5% pyrethrins, bbls., works..lb. .25 - —

Bank Credit TRAVELS to meet your Inventory!

Under Douglas-Guardian field warehousing, inventory right on your own premises—drugs, chemicals, cosmetics, raw materials or finished merchandise, packages or containers—may be used as collateral for bank loans.

When you want to raise funds on your inventory—*without moving it*—consult a Douglas-Guardian operating man—the key man in Douglas-Guardian procedure. He will explain how to handle your particular transaction quickly and economically; demonstrate how Douglas-Guardian warehouse receipts bring the banker to your doorstep and bank credit to your inventory.

DOUGLAS-GUARDIAN
WAREHOUSE CORPORATION
Nation-Wide FIELD WAREHOUSING

New Orleans (1): 118 North Front Street • Chicago (3): 100 West Monroe Street
New York City (4): 50 Broad Street

ATLANTA • CLEVELAND • DALLAS • EASTON, MD. • LOS ANGELES • MEMPHIS • SAN FRANCISCO
PORTLAND, ORE. • ROCHESTER, N.Y. • SPRINGFIELD, MASS. • PHILADELPHIA • TAMPA, FLA. • SPRINGFIELD, MO.

Pyridin,[6] denaturing, ret. dms., works, frt. equald..gal. 1.55 - 1.60
refd., 2° ret. dms., same basis. lb. .45½- .46
Pyrites, Spanish, c.i.f. Atl. ports. long ton. 8.00 -10.00
Pyrocatechin (see Catechol).
Pyronate, dms., works.....gal. .75 - 1.25
Pyrophyllite, standard, 200 mesh, c.l., pap. bgs., mines..ton.10.00 - —
325 mesh, same basis....ton.13.00 - —
No. 3, 200 mesh, c.l., mines.ton. 8.00 - —
325 mesh, same basis.....ton.11.00 - —
Pyroxylin scrap, opaque, amber, cs., works..lb. .17 - —
black, cs., works.....lb. .17 - —
works..lb. .17 - —
China, white, ivory, cs., dense, white, cs., works..lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottles, cs., works. lb. .14 - —
translucent pastels, cs., wks. lb. .17 - —
transparent, cs., works...lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works..lb. .17 - —
mixed colors, cs., works...lb. .14 - —
white, cs., works.....lb. .17 - —

Q

Quassia chips, bls.....lb. .09 - 10
Quebracho extract,[6] solid, 63%, bgs., c.l., ex dock, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account. Current freight $21.60; WSA insurance, $3.75 per ton..lb. .04⅞- .05⅛
clarified, 64%, bgs., c.l., same basis..lb. .05⅝- .06⅛
dissolved, 35% tan., bbls., works..lb. .04125- .0550
tanks, works.....lb. .03625- .0450
ground, bgs., c.l.....lb. .08 - .09
l.c.l., bgs.....c. .0625- .0950
Queen of the meadow root, bgs. lb .11 - .13
Quercitron, crystals, bbls.....lb. .26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .18½- —
Quicksilver,[1] flasks (76 lbs. net)..flask.112.00 -115.00
Quince seed, bgs.....lb. 1.30 - 1.75
Quinidine,[6] NF V, cryst., cns.oz. 1.06 + .13⅛[6]
powd., precip., cns.....oz. 1.01 + .13⅛
Sulphate, USP, cns.....oz. .71 + .13⅛

[6] Surcharge of 13⅛c. per oz.; see note under Quinine.

Quinine,[6] NF, cns., 100 ozs...oz. .84 + .13⅛[6]
Acetate, cns., 100 ozs.....oz. 1.05 + .13⅛
Arsenate, cns., 100 ozs.....oz. 1.05 + .13⅛
Arsenite, cns., 100 ozs..... 1.07 + .13⅛
Bisulphate, USP, cns., 100 ozs. oz. .60 + .13⅛
Citrate, cns., 100 ozs.....oz. .78 + .13⅛
Dihydrobromide, bots., 50 ozs. oz. .86 + .13⅛
Ethylcarbonate, USP, cns., 100 ozs..oz. 1.25 + .13⅛
Ferrocyanide, cns., 100 ozs..oz. 1.07 + .13⅛
Formate, cns., 100 ozs.....oz. 1.00 + .13⅛
Glycerophosphate, cns., 100 ozs. oz. 1.20 + .13⅛
Hydrochloride, USP, cns., 100 ozs..oz. .76 + .13⅛
Hydrochlorosulphate, cns., 100 ozs..oz. .81 + .13⅛
Hydroiodide, cns., 100 ozs..oz. 1.05 + .13⅛
Hyposulphite, cns., 100 ozs..oz. 1.07 + .13⅛
Quinine phosphate, NF, cns., 100 ozs..oz. .90 + .13⅛
Salicylate, NF, cns., 100 ozs., oz. .79 + .13⅛
Sulphate, USP, cns., 100 ozs.oz. .67 + .13⅛
Sulphocarbolate, cns., 100 ozs. oz. 1.05 + .13⅛
Tannate, USP X, cns., 100 ozs. oz. .63 + .13⅛
Tartrate, cns., 100 ozs.....oz. 1.03 + .13⅛
Valerate, NF IV, 100 ozs.....oz. .99 + .13⅛

[6] Surcharge to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Change in these controlling factors will be reflected in the surcharge invoiced.

Surcharge: See note under Quinine.

Quinoline, dms., c.l., works...lb. .24½- .50
Quinine-urea hydrochloride,[6] USP, cns...oz. .81 + .13⅛[6]

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. 1.25 - 1.30
Red, alizarin lake,[2] bbls., dlvd. N. of Tenn. and N.C., E. of Miss R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90

Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.

Cadmium, lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .80 - —
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.
selenide, dark, bbls., works, lb. 2.50 - —
light, same basis.....lb. 2.20 - —
orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40, dms., 100 lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, red).
Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works.lb. .85 - —
Indian, dom., pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .09½- —
80-85%, bbls., same basis..lb. .09¾- —
imp., English, all shades..lb. 12
Iron oxide, pure, bbls.....lb. .09 - .09¾
reduced, 65% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .06¾- —
50% copperas oxide, bbls., same basis..lb. .08½- .096
Lacquer, maroon, bbls., works. lb. 1.25 - —
Lake C toner, alizarin, bbls., works...lb. .90 - —
Litho toner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works....lb. .25 - .28
Red, lithol-rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake, 25%, kgs., works..lb. .40 - —
Cadmium, bbls., works.....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide,[2] tech., bbls., 10,000 lbs., works..lb. 2.00 - —
smaller lots.....lb. 2.02 - —
Metallic, bbls., Fa., works..lb. .02 - —
Orange, Persian (see O).
Oxide (see Red, iron oxide).
Para[2] toner, concent., alizarin lake, kgs., works..lb. .70 - —
Phloxin toner (see Red, Eosin toner).
Phosphotungstic rhodamine, Y, kgs., works..lb. 4.15 - —
Purple, lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 - —
lake, alizarin, kgs., works, lb. .35 - —
Spanish oxide, grade 1, c.l., bbls..lb. .04¾- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
M.N.P.T. maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., works..lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03⅛- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.25 - 2.85
Red precipitate,[2] NF, powd., fib. dms..lb. 2.17 - 2.19
Red saunders wood, grd., bbls. lb. .35 - —
Resorcinol, tech., dms., frt. alld. E. of Miss..lb. .68 - .75
USP, cryst., dms., 100 lbs., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .17 - .18
Rhubarb, whole, cs.....lb. .75 - .80
powd., bbls.....lb. .80 - .85
Riboflavin, bots., 100 grams.kilo.200.00 - —
Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .45½- —
smaller lots.....lb. .44 - .47
powd., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .43 - .46
Rose flowers, pale, bls.....lb. .45 - .50
Rosemary flowers, bls.....lb. 1.55 - 1.60
Leaves, Portuguese, bls.....lb. .09 - .09½
Spanish, bls.....lb. .13¾- .14½
Rosin, gum:—
B, dms., c.l.....100 lbs. 5.70 - —
D, dms., c.l.....100 lbs. 5.77 - —
E, dms., c.l.....100 lbs. 6.30 - —
F, dms., c.l.....100 lbs. 6.40 - —
G, dms., c.l.....100 lbs. 6.44 - —
H, dms., c.l.....100 lbs. 6.46 - —
I, dms., c.l.....100 lbs. 6.46 - —
K, dms., c.l.....100 lbs. 6.50 - —
M, dms., c.l.....100 lbs. 6.52 - —
N, dms., c.l.....100 lbs. 6.68 - —
W.G., dms., c.l.....100 lbs. 6.93 - —
W.W., dms., c.l.....100 lbs. 7.20 - —
X, dms., c.l.....100 lbs. 7.20 - —
Wood, F.F., dms., c.l...100 lbs. 3.78 - 3.98
Rotenone,[1,6] CP, bbls., works, lb.10.90 - —
extract, liq., dms., works..... per unit. 1.05 - —
powder (see Cube root).
Rottenstone, bgs., c.l., mines.ton.25.50 - —
l.c.l., same basis.....ton.37.50 - —
Rue, bls.....lb. .75 - .80

S

Sabadilla seed, powd., bbls.....lb. .85 - .36
Saccharin,[1] soda (soluble), dms., makers, primary distrib., 1,000 lbs. and up..lb. 1.30 - 1.35
smaller lots, same basis...lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. .70 - .75
Spanish, tins.....lb.42.00 Nom.
Safrol, cns.....lb. 1.10 - 1.15
Sage,[1] Calif., French type, bls., f.o.b. Pacific Coast..lb. .82 - .85
leucophylla, bgs., Pacific Coast lb. .45 - .48
Cyprus, good, bls.....lb. .19 - .19½
fair, bls.....lb. .16½- .17
Palestine, bls.....lb. .16 - .16½
Spanish, bls.....lb. .18 - .18½
Sago flour, bgs.....lb. .05 - .05¾
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Salol, gran., bbls., kgs.....lb. .90 - —
fib. dms.....lb. .92 - .93
powder, 10c. per lb. higher.
Salt rock, bgs., c.l.....ton.14.20 - —
l.c.l., bgs.....ton.17.00 -18.00
vacuum, common, fine, bgs., c.l..ton.15.70 - —
l.c.l. .....ton.19.40 -23.20
Saltcake, dom., bulk, works.ton.15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 tons..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 tons.... 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots....oz. 3.75 - —
Santonin, cryst., cns.....kilo.200.00 -210.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, Amer., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .50
Mexican, bls.....lb. .20 - .22
Sassafras bark, ord., bls.....lb. .40 - .45
select, bls.....lb. .60 - .65
Savory, Spanish, bls.....lb. .25 - .26
dom., bls., f.o.b. Calif.....lb. .95 - .97
Saw palmetto berries, bgs.....lb. .20 - .25
Scammony resin, lump, cns...lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .08 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Scullcap, Eastern, bls.....lb. No stocks
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33¾- —
smaller lots.....lb. .34½- —
kegs, 5,000 lbs, 1 shipm't..lb. .34½- —
smaller lots.....lb. .34 - —
Selenium, pwd., cs., 1,000 lbs..lb. 1.75 - —
cns., 10 lbs.....lb. 1.85 - —
Senega root, spot, bls.....lb. 1.05 - 1.15
Senna, Alex., half leaf, bls...lb. .22 - .28
siftings, bgs.....lb. .22 - .24
Tinnevelly, No. 1, bls.....lb. .16 - .16½
2, bls.....lb. .11½- .12
3, bls.....lb. .10 - .10½
powd., bbls., bgs.....lb. .15 - .17
Pods, bls.....lb. .12 - .14
Serpentaria root, bls.....lb. 1.40 - 1.50
Sesame seed,[1] Chinese, hulled, bgs..lb. .13½- .14
Indian, hulled, recleaned, bgs., lb. No stocks
natural, bgs.....lb. .11 Nom.

ENCO SOLICITS INQUIRIES

for

TARTARIC ACID — LACTIC ACID

CREAM OF TARTAR — BENZOATE OF SODA

ENCOLOID (SOYA LECITHIN) — BLEACHING POWDER

PHOSPHORIC ACID — CHLORATE OF POTASH

SAPONIN

ENCO CHEMICAL CORPORATION

FORMERLY NEUBERG CHEMICAL CORP.

441 LEXINGTON AVENUE • • NEW YORK 17, N. Y. MU-6-1990

NEUBERG CHEMICALS

Shellac,[1] bonedry, bbls., 1,500 lbs..lb. .42½- —
Boston .....lb. .43½- —
Chicago .....lb. .44 - —
Pacific coast.....lb. .46 - —
refined, bbls., 1,500 lbs.....lb. .48½- —
Boston .....lb. .49½- —
Chicago .....lb. .50 - —
Pacific coast.....lb. .52 - —

Bonedry shellac, sales of less than 1,500 lbs., at following additions to maximum prices:—(1) packed in bgs., ¾c. per lb., (2) bbls., 1c. more; (3) kgs., 3c. more.

D.C., V.S.O., Diamond I, bgs., lots of 100..lb. .4660- —
Garnet, bgs., lots of 100.....lb. .3890- —
Superfine, bgs., Boston, N. Y., lots of 100..lb. .3660- —
Chicago, lots of 100.....lb. .3710- —
Pacific coast, lots of 100...lb. .3960- —
TN, bgs., Boston, N. Y., lots of 100..lb. .3550- —
Chicago, lots of 100.....lb. .3600- —
Pacific coast, lots of 100...lb. .3805- —

Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.

Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill., works, ton.17.00 - —
l.c.l., same basis....ton.20.00 - —
400 mesh, bgs., c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.19.00 -20.00
wet-grd., 325 mesh, bgs., c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.21.00 - —
400 mesh, bgs., c.l., same basis..ton.30.60 - —
l.c.l., same basis....ton.35.00 -38.00
96-98%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.21.50 -23.00
99%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.22.00 -25.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., same basis..ton.15.50 - —
l.c.l., same basis....ton.18.50 - —
140 mesh, bgs., c.l., same basis..ton.11.00 - —
l.c.l., same basis....ton.16.00 - —

Silicon tetrachloride, tech., 55-gal. drms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .18½- —
10 gals., works.....lb. .27 - —

Silver bullion.....oz. .44⅜- —
govt. purchase, dom.....oz. .7111- —
govt. purchase,[1] foreign...oz. .44⅜- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, 100-oz. bots.....oz. .32⅜- —
Nucleinate, bots., drms.....oz. .308 - .338
Proteinate, bots., drms.....oz. .288 - .338

Simarubra bark, bls.....lb. .52 - .55
Skunk cabbage root, bls.....lb. .40 - .45
Slate flour, bgs., c.l., works..ton.11.00 -12.00
l.c.l., works.....ton.12.00 -13.00
Sloe berries, bgs.....lb. .70 - .75
Smalt, black, ctns.....lb. .06 - .08
Blue, ctns.....lb. .07 - .08½
Snakeroot, Canada, bls.....lb. .80 - .85
Soapbark, bls.....lb. .11¾- .12¾
crushed, bls., bbls.....lb. .13 - .14
cut, dom., bls., bbls.....lb. .16 - .19
imp., bbls.....lb. .18 - .19
powd., bbls.....lb. .17 - .18

Soda acetate, anhyd., drms., dlvd. lb. .08½- .10
l.c.l., dlvd.....lb. .05½- .06
NF, bbls., dlvd.....lb. .09½- .10

Alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., drms.....lb. 1.50 - 1.80

Aluminate,[6] for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, bgs., c.l., works, 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00

Antimoniate, bbls., dlvd.....lb. .15 - .15½
Arsenate,[6] dms., dealers, c.l., works..lb. .09½- —
l.c.l., same basis.....lb. .10¾- .11¼
Arsenite,[6] gray, dms., dealers, c.l., works..lb. .08¼- —
l.c.l., works.....lb. .09 - .10

Soda arsenite, gray, ¾c. higher in Chi.; 2c. higher in Houston, Tex., and Palo Alto, Calif.

Soda ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., dlvd., zone 1.....100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.96 - —
bbls., c.l., works...100 lbs. 1.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.13 - —
l.c.l., dlvd., zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.45 - —
l.c.l., dlvd., zone 1.....100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.13
l.c.l., dlvd., zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., dlvd., zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash sales zones are:—(1) All States E. of Miss. R. and N. of south. bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31°, Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 93°, Ga.; Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. N. of 31°; (3) Ark. W. of 93°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex. W. of 100° (including Wichita Falls (excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.

Benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .43

USP, dms., 2 tons or more, smaller lots.....lb. .46 - .47 - .52

Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l., works.....100 lbs. 1.55 - —
l.c.l. .....100 lbs. 1.90 - —

USP, gran., bbls., c.l., works, 100 lbs. 2.35 - —
l.c.l. .....100 lbs. 2.60 - —
powd., bbls., c.l., works.... 100 lbs. 1.85 - —
l.c.l. .....100 lbs. 2.53 - —
kgs., c.l., works.....100 lbs. 2.10 - —
l.c.l. .....100 lbs. 2.76 - —

Bichromate,[6] bbls., cks., c.l., works..lb. .07¾- —
l.c.l., works.....lb. .07½- .07¾
Soda bichromate in bgs., ¼c. less.

Bifluoride, bbls., c.l., frt. alld. E..lb. .11½- —
l.c.l., same basis.....lb. .12 - .14
kgs., l.c.l., same basis.....lb. .12½- .14

Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32°, bbls., c.l., works, 100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works.100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.30 - —
35°, bbls., c.l., works.100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
44°, bbls., works.....100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —

Bromide, USP, gran., bbls., 500 lbs., works..lb. .27 - .30
fiber drms., works, 100 lbs., lb. .28 - .31

Cacodylate, 5-lb. bots., works, lb.17.00 - —

Carbonate (see Soda ash, soda monohydrate, soda sal).

Soda caustic, flake, powd., 76%, drms., c.l., works..100 lbs. 2.70 - —
l.c.l., zone 1, dlvd.....100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 3.05
3, dlvd.....100 lbs. 3.95 - 5.30
4, dlvd.....100 lbs. 4.35 - 5.70
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works.....100 lbs. 1.95 - —
70%, buyers' tanks, works..100 lbs. 1.97½- —
sellers' tanks, works.....100 lbs. 2.00 - —
solid, 76%, drms., c.l., works..100 lbs. 2.30 - —
l.c.l., zone 1, dlvd.....100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —

Caustic soda zones are same as soda ash. Chloride (see Salt).

Chlorate,[6] cryst., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Chromate,[2,5] bbls., cks., c.l., works, frt. equald..lb. .08¾- —
l.c.l., works, frt. equald..lb. .08¾- .09½
Soda chromate in bgs. is ¾c. lower.
Citrate, USP VIII, bbls.....lb. .18½- —
drms.....lb. .19½- .22½
USP XII, gran., bbls.....lb. .24 - —
drms.....lb. .25 - .29
powd., bbls.....lb. .24½- —
drms.....lb. .25½- .29½
Cyanide,[6] 96-98%, drms.....lb. .14½- .15
Diacetate, 38-35% acidity, bbls., dlvd..lb. .09½- .10½
anhyd., drms., dlvd.....lb. .12½- —
Fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07¼- —
l.c.l., works.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, cryst., bbls., 1,000 lbs..lb. 1.25 - —
drms.....lb. 1.40 - —
powdered, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, drms., frt. alld. lb. .17 - .18
Hydroxide, USP, sticks, drms.lb. .24 - .26
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, cryst., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis.100 lbs. 2.50 - —
pea, bgs., c.l., works..100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.75 - 3.95
Soda hyposulphite in bbls., 20c. higher; in drms., 50c. higher.
Iodate, drms., jars.....lb. 5.40 - 5.48
Iodide, bots.....lb. 2.53 - 2.57
drms., jars.....lb. 2.42 - —
Mandelate, drms.....lb. 3.25 - 3.35
Metanilate, bgs.....lb. .40 - —
Metasilicate, anhyd., drms., c.l., works, frt. equald..100 lbs. 4.00 - —
l.c.l., same basis...100 lbs. 4.90 - 5.30
gran., bbls., c.l., works, frt. equald..lb. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.35
Molybdate,[6] anhyd., kgs., works, lb. .47 - —
Monohydrated, bbls.....100 lbs. 3.00 - —
works .....100 lbs. 2.55 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[6] crude, dom., 100-lb. bgs., c.l., works..ton.30.05 - —
bulk, same basis.....ton.27.00 - —
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac., whse..ton.33.00 - —
200-lb. bgs., same basis, ton.32.40 - —
bulk, same basis.....ton.30.00 - —
refd., gran., bbls., 10 tons.. 100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equald..lb. .06¾- —
West Coast ports.100 lbs. 8.00 - 8.65
l.c.l., dlvd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., drms., c.l., works, frt. equald..lb. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.85
flake, drms., c.l., wks..100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.55
Oxalate, neut., bbls.....lb. .10 - .11

Soda pentachlorophenate, briquets, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16¼
l.c.l., works, frt. equald..lb. .17 - —
kgs., works, frt. equald...lb. .19 - —
Pantothenate, dext., 100-gram bots..per gram. .10 - —
Perborate,[6] NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Peroxide,[6] dms., c.l., dlvd. E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate,[6] dibasic, tech., anhyd., bgs., c.l., works..... 100 lbs. 6.00 - 6.25
l.c.l., works....100 lbs. 6.50 - 7.25
cryst., bgs., c.l., works.. 100 lbs. 2.55 - 2.70
l.c.l., works.....lb. 2.95 - 3.45
USP XII, gran., bbls., dms., works..lb. .10 - —
dried, bbls., dms., works, lb. .16 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works....100 lbs. 8.00 - 9.00
tribasic,[6] anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - —
l.c.l., same basis..100 lbs. 6.50 - —
cryst., bgs., c.l., same basis, 100 lbs. 2.70 - —
l.c.l., same basis..100 lbs. 3.40 - —
kgs., c.l., works..100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 4.15 - —
USP (see Sodium phosphate, dibasic).
Soda phosphate in bbls. is 20c. higher.
Prussiate, yellow, bgs., contracts, works..lb. .09¾- .10½
spot .....lb. .10¾- —
bbls., contract, works.....lb. .10 - .10¼
spot .....lb. .11 - —
Pyrophosphate,[6] anhyd., bgs., c.l., works, frt. equald..... 100 lbs. 5.28 - 6.10
l.c.l., same basis...100 lbs. 5.40 - 6.60
bbls., c.l., wks., frt. equald. 100 lbs. 5.45 - 6.30
l.c.l., same basis...100 lbs. 5.60 - 6.00
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms.....lb. .52 - .55
Sesquicarbonate, bgs., c.l., works. 100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd...100 lbs. 2.70 - —
2, dlvd.....100 lbs. 2.85 - —
3, dlvd.....100 lbs. 3.10 - —
4, dlvd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works, 100 lbs. 3.05 - —
l.c.l., dlvd.....100 lbs. 4.05 - 4.30
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.12.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride,[6] bbls., c.l., works, lb. .06½- .07
l.c.l., same basis.....lb. .08 - .10
Stannate, dms., works, frt. alld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07½
tech., anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or more, works, 100 lbs. 1.95 - 2.15
less than 5 tons, works, 100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt).
USP, cryst., gran., bbls..lb. .07 - .10
Sulphathiazole, monohydrate, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., works, 100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.35 - —
bbls., c.l., works.....100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.55 - —
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l. .....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .33
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 38%, basis 100%, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .06 - .08
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works, lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[6] tech., kgs.....lb. 1.35 - 1.50
Soda-formaldehyde sulphoxylate, stand cont. (125-250 lbs.)..lb. .19 - .22
Solvent naphtha,[6] dms., wks.gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
Minnequa, Colo.....gal. .27 - —
high-flash, dms., works...gal. .32 - —
tanks, frt. alld. E. of Omaha to 2c. per gal..gal. .27 - —
Soybean meal,[1] 41%, Decatur, bulk, c.l...ton.45.00 - —
Protein, alpha, bgs., 40,000-60,000 lbs., works..lb. .20 - —
100-40,000 lbs., works...lb. .20 - .20½
less than 100 lbs., works, lb. .24 - —
Sorbitol,[6] com'l, dms., c.l., works, lb. .14¾- —
l.c.l., same basis.....lb. .15½- —
Sparteine sulphate, bots., cns..oz. 1.80 - 1.90
Spearmint leaves, bls.....lb. .45 - .50
Spikenard root, bls.....lb. .40 - .45
Spruce extract, liq., reg., bbls., c.l., works..lb. .02¾- —
tanks, works.....lb. .01½- —
pwd., super. bgs., c.l., wks..lb. .04½- —
Squaw vine, bls.....lb. .53 - .55
Squill, red, fortified, powd., bbls., bxs..lb. 2.25 - —
White, bls.....lb. .14 - .16
powd., bbls., bxs.....lb. .18 - .19
St. Ignasius beans, bgs.....lb. No stocks
St. John's bread, edible, bls...lb. .16 - .17
Starch, corn, pearl, bgs..100 lbs. 4.08 - —
Chicago .....100 lbs. 3.72 - —
Corn, powd., bgs.....100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Potato, bgs, c.l.....lb. .0634- —
l.c.l. .....lb. .07 - .09
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .05 - —
Starch iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks
Stonecrot, bls.....lb. .07½- .08
Storax, gs.....lb. 1.25 - 1.50

USE A Cowles DETERGENT SILICATE

Crystamet
Reg. U. S. Pat. Off.
Pentahydrate Sodium Metasilicate Cowles. CRYSTAMET is an exceptionally pure, perfectly white granular sodium metasilicate with the normal 42% water of crystallization. Excellent solubility, uniformity, chemical stability.

Drymet
Reg. U. S. Pat. Off.
Anhydrous Sodium Metasilicate. Cowles DRYMET is the most highly concentrated, most economical form of sodium metasilicate available. DRYMET contains no water. Yields nearly twice the chemical strength of hydrated sodium metasilicate at a substantial saving. Completely soluble, non-caking, easy to handle.

Dryorth
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Technically Anhydrous Sodium Orthosilicate. Cowles DRYORTH is a high pH detergent silicate with valuable peptizing, emulsifying, dirt-suspending power. Recommended for heavy-duty detergency requiring high Na_2O value.

BUY MORE WAR BONDS

THE COWLES DETERGENT CO.
7016 EUCLID AVENUE • CLEVELAND 3, OHIO

Stramonium leaves, bgs.....lb. .22 - .23
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms..lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls.....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
Chromate, bbls., kgs., Phila..lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.90 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls.....lb. .37¼- —
Salicylate, NF, dms.....lb. 1.10 - 1.13
Sulphate, nat., 92% min., air-floated, 300 mesh, bbls., c.l., works..ton.52.00 - —
l.c.l., works.....ton.54.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 - 57.00
Strophanthus seed, Komba, bgs., lb. 2.65 - 2.70
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Strychnine, NF, crystal., cns., 100 oz..oz. .70 - —
powd., cns., 100 ozs.....oz. .60 - —
Acetate, cns., 100 ozs.....oz. .88 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .88 - —
Glycerophosphate, cns., 100 ozs., oz. .89 - —
Hydrochloride, cns., 100 ozs..oz. .88 - —
Hypophosphite, 25-oz. cns., 100 ozs..oz. 1.00 - —
Nitrate, NF, 100 ozs.....oz. .82 - —
Phosphate, NF, 100 ozs.....oz. .89 - —
Sulphate, cryst., cns., 100 ozs., oz. .58 - —
powd., cns., 100 ozs.....oz. .48 - —
Sucrose octa-acetate, denat., bbls. l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works..lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazin, 100-lb. dms.....lb. 9.00 - —
Sulphaguanidin, 100-lb. dms...lb. 5.50 - —
Sulphanilamide, bots.....lb. 1.35 - —
fib. dms.....lb. .90 - 1.10
Sulphapyridin, powd., bots., tins, lb. 5.00 - 5.30
Sulphathiazole, dms., 1,000 - lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sesquihydrate prices same as sulphathiazole.
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contracts..long ton.16.00 - —
f.o.b. vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 99¼%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.15
precipitated, USP, bbls., kgs., lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy bgs., c.l., works..... 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
light, bgs., c.l., works..... 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
Refined sulphur in bbls., 35c. higher.
USP, bgs., c.l., works..100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
rock, bbls., c.l., works.100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
Chloride, 55-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works.....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liquid, com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .06
tanks, works.....lb. .04 - —
refrigeration, cyls., works, lb. .18 - .21
Iodide, bots., jars.....lb. 3.90 - 4.11
Sumac extract, No. 1, bbls....lb. .08 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Superphosphate,[5] pulverized, run-of-pile, under 22% a.p.a., bulk, production points, Balto..unit-ton. .65 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .84
Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $8.03 per ton.
Superphosphate,[4] gran., 2c. per unit-ton higher than pulverized; guaranteed 18%, 19% or 20% a.p.a., ½c. per unit-ton higher.
triple 40% and more a.p.a., bulk, producing points, Florida..unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.
Sweet Basil, bls., f.o.b. Calif..lb. .97 - .98

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Talc, dom., aluminum-flake type, grd., bgs., c.l., works..ton.14.50 -24.50
l.c.l., works.....ton.16.50 -30.00
Calif., bgs., c.l., wks..ton.17.50 -43.00
fibrous, grd., coarse, off-color, New York, bgs., c.l., works, ton.13.00 - —
fine, New York, 325 mesh, 93 - 94%, bgs., c.l., works..ton.13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85-99.95%, bgs., c.l., works..ton.17.00 -21.00
Pennsylvania, bgs., c.l., works..ton.11.00 -13.50
l.c.l., works.....ton.12.00 -14.50
Vermont, bgs., c.l., works ton.14.00 - —
l.c.l., works.....ton.15.00 - —
imp., Canada, bgs., c.l.....ton.24.00 -30.00
Tallow,[1,5] edible, tanks.....lb. .09½- —
inedible, extra, loose.....lb. .08½- —
special, loose.....lb. .08½- —
sulphonated, 35% (24% fat), dms., c.l..lb. .05¾- —
50% (43% fat), dms., c.l...lb. .06¾- —
50% (48% fat), dms., c.l...lb. .07¼- —
Tallow, sulphonated, c.l., lc. higher.
Tamarind, bbls.....lb. .13 - .14
Tankage,[1] animal, feed, 9-11% ammon., bulk..unit-ton. 5.53 - —
Chicago .....unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,5] Brazil, bgs..lb. .06½- .07¼
Java, bgs.....lb. No stocks
Tar acid oil,[3,6] 15-18%, dms., c.l., works..gal. .26½- .27½
l.c.l., works.....gal. .28½- .29½
25%, dms., c.l., works.....gal. .30 - —
l.c.l., works.....lb. .32 - —
Pine, retort, dms., c.l., dlvd. East..gal. .32¾- —
l.c.l., works.....gal. .29¾- —
tanks, dlvd. East.....gal. .27 - —
Tara, powd., dlvd. N. Y.....ton.120.00 - —
Tarragon herb, bgs.....lb. 1.50 - 1.70
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47¾- .48
dms. .....lb. .48½- .51
USP. powd., bbls., dms., kgs. lb. .52¾- .56
Terpin hydrate, com'l, bbls., c.l. lb. .75 - .80
l.c.l. .....lb. .25 - .25½
USP, cryst., bbls., dms..lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure, dms.....lb. .35 - .50
Terpinyl acetate, extra, cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.05
Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks.lb. .08 - .08½
Tetrachlorethylene, N.F. VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.....lb. .23½- .25½
tech. (see Perchloroethylene).
Tetralin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 90%, bots., works..lb.12.50 - —
Theobromine,[1,6] makers, primary distrib., dms., 25-lb. lots..lb. 2.80 - —
smaller lots.....lb. 2.90 - 3.00
Thiamine hydrochloride,[6] bots., dms., 100 grams..kilo.160.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
Thorium nitrate, cs., works....lb. 2.00 - —
Thyme,[1] California, French type, lbs., f.o.b. Pacific Coast..lb. .80 - .82
Spanish, bls.....lb. .17½- .18
Thymol, cns.....lb. 2.40 - 2.75
Iodide, dms.....lb. 3.40 - 3.80
Timbo root,[2,6] (see Cube root).
Tin chloride,[6] anhydrous.....lb. No stocks
Crystals,[6] bbls., bgs.....lb. No stocks
Metal,[1,6] Straits.....lb. .52 - —
Oxide,[6] bbls.....lb. .54 - .55
Tetrachloride,[6] anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1,5] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., 5 tons one deliv., dlvd..lb. .15¼- —
smaller lots, dlvd.....lb. .15½- .15¾
nonchalking,[1,5] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., 5 tons, one deliv., dlvd..lb. .16¾- —
smaller lots, dlvd....lb. .17 - .17¼
plain,[5] bgs., c.l., dlvd.....lb. .14¼- —
l.c.l., 5 tons one delivery, dlvd..lb. .14¾- —
smaller lots, dlvd.....lb. .15 - .15¼
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium base,[1,5] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
calcium base,[1,5] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
calcium-rutile base,[1,5] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
magnesium base,[1,5] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Titanium dioxide and pigment in bbls. ¼c. higher; Pac. cst. ¼c. higher, c.l., dlvd., l.c.l., ex whse.
Tetrachloride, CP, 55-gal. dms., works..lb. .37 - —
smaller pkgs, works.....lb. .65 - 1.22
technical, 55-gal. dms., works. lb. .32 - —
smaller pkgs., works....lb. .40 - 1.00
Tolu balsam, cns.....lb. .80 - .82
Tolidine base, distilled, kgs...lb. .96 - —
Toluene (see Toluol).
Toluol[6] (toluene), 2° indus., dms., return, works..gal. .33 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .28 - —
West. Minnequa, Colo.gal. .28 - —
1° nitration, dms., return, works..gal. .34½- —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .29½- —
West, Minnequa, Colo.gal. .29½- —
Tonga, 50% bark and vine, bbls.lb. .90 - .91
Tonka beans, Angostura, cks..lb. 2.50 - 3.00
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100 ozs. oz. .52 - —
Triacetin dms., works.....lb. .28 - .34
Triamyl borate, dms., works...lb. .33 - —
Triamylamine, dms., c.l., works. lb. .98 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, 475-lb. dms..lb. .29 - .31
smaller pkgs.....lb. .34 - .40
Phosphate, dms., l.c.l., dlvd..lb. .47 - —
cns., works.....lb. .51 - —
Tributylamine, dms., c.l., works. lb. .78 - —
l.c.l. .....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
tanks .....lb. .07½- —
Trichloroethylene,[6] dms., c.l., works, Zone 1, frt. alld...lb. .08 - —
Zone 2, same basis.....lb. .08½- —
Zone 3, same basis.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —
Trichloroethylene, l.c.l. prices, ½c. higher. Zones are—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.

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A NEW AND USEFUL REAGENT

PREPARATION BY CONSUMER NO LONGER ESSENTIAL

Until the recent development of *dry* Sodium Methylate by Mathieson, this useful reagent had to be prepared by the consumer from metallic sodium and methanol—a slow and hazardous operation.

Moreover, the "home-made" product—a dilute solution of sodium methylate in methanol—did not permit the close control so necessary to efficient operation and high yields in organic syntheses.

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According to the conditions to be met, the consumer may either use dry sodium methylate to supply his *entire* requirements or employ the new dry reagent to build up the concentration of the dilute methylate solutions prepared in his own plant.

Just how this versatile new reagent might fit into *your* processing picture we don't know, but we do believe it may pay you to consider its possibilities.

Our technical staff is at your service without obligation. Write for full information.

PROPERTIES OF MATHIESON DRY SODIUM METHYLATE

APPEARANCE—A fine, white, very hygroscopic powder.

PURITY—Contains a minimum of 95% sodium methylate, CH_3ONa, not over 2% of inorganic alkalies (sodium hydroxide and sodium carbonate) and not over 3% of methanol.

STABILITY—Stable when stored in airtight containers.

MELTING POINT—None, decomposes and chars.

APPARENT DENSITY—About 0.4.

SOLUBILITY—Dissolves in approx. twice its weight of methanol.

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SODIUM METHYLATE . . SODA ASH . . CAUSTIC SODA . . BICARBONATE OF SODA . . LIQUID CHLORINE . . BLEACHING POWDER . . H T H PRODUCTS
AMMONIA, ANHYDROUS & AQUA . . FUSED ALKALI PRODUCTS . . SYNTHETIC SALT CAKE . . DRY ICE . . CARBONIC GAS . . SODIUM CHLORITE PRODUCTS

Tricresyl phosphate,[6] CP, cns., works..lb. .43½- .54½
dms., c.l., dlvd.....lb. .37½- —
l.c.l., dlvd.....lb. .40½- —
tech., cns., works.....lb. .28½- .45½
dms., c.l., dlvd.....lb. .25 - .31
l.c.l., dlvd.....lb. .25½- .31½
tanks, dlvd.....lb. .24 - .30
Triethanolamine,[6] d m s., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .46 - —
Triethylamine, dms., works....lb. 1.16 - —
Triethyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd., lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Trimethyloipropane, bbls.....lb. .65 - —
Triphenyl phosphate,[3] bbls....lb. .31 - .32
Tripoli, air-floated, bgs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works.. ton.17.50 - —
once-grd., bgs., c.l., works..ton.16.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root,[2,4] (see Derris root).
Tungsten metal, powd.,[3] 99-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, kgs.....lb. No prices
Turmeric root, Aleppey, bgs....lb. .12 - .12½
Madras, bgs.....lb. .12 Nom.
Turpentine, gum, dms.....gal. .86½- .87
sulphate-wood, dms., c.l....gal. .65 - .75
tanks.....gal. .57 - .67
wood, d.d., dms., East.....gal. .65 - .70
tanks.....gal. .60 - —
steam-dist.,[1] ret. dms.....gal. .80 - .83
tanks.....gal. .74 - .75

U

Unicorn root, false (see Helonias root). True (see Aletris root).
Uranium[3] oxide, black bgs....lb. 2.65 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton.75.00 - —
l.c.l., ship. pts.....ton.77.50 -85.00
import. cure, cs.....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works or A. or G. ports, ton.57.40 - —
Urea-ammonia liquor (A and B), free ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va..ton.59.00 - —
fixed ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va., NH_3 ton.112.80- —
usual Atla. and Gulf ports, NH_3..ton.116.80 - —
C and D prices are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations.
Uva ursi leaves, bls.....lb. .22 - .28

V

Valerian root, NF, bls.....lb. .55 - .60
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans,[1] Bourbon, tins..lb.10.00 Nom.
Mexican, cuts, tins.....lb.10.00 - —
whole, tins.....lb.11.00 - —
Tahiti, white label, tins...lb. 3.50 - 3.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[1] makers, primary distrib., tins, ex eugenol, 25 lbs. or more..lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.75
ex guaiacol or lignin tins, 25 lbs. or more..lb. 2.35 - —
lignin tins, 25 lbs. or more, lb. 2.35 - —
Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .22 - .23
Vinyl acetate,[6] cbys., works...lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., works....lb. .25 - —
Ether, 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis....bot. 1.05 - —
75 c.c., same basis....bot. .65 - —
Vinylpyridin, ret. dms., works.lb. 1.50 - —
Viosterol (irradiated ergosterol), mil. units. .10 - .14
Vitamin A (see Oils, codliver, halibut-liver).
B_1 (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
E (see Alpha tocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic, and Nicotinamide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum, naphtha, v.m.p.).

W

Wahoo, root bark, bls.....lb. .55 - .60
Wattleback,[1] E. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers' account... ton.53.00 - —
Wattle bark, So. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers' account.... per ton.53.00 - —
extract[1] liquid, 35% tannin, bbls., works..lb. .05½- .06¼
tanks.....lb. .04¾- .05¾
solid, So. Afr., 62% tannin, ex dock..lb. .0572- .0697
E. Afr., 61% tannin, ex dock, lb. .05595- .05845
Wax, amorphous, 160°-165° m.p., amber, ctns., 30 tons yearly, contract, group 3, works..lb. .14¼- —
smaller lots.....lb. .14½- .15¾
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots.....lb. .13 - .13¾
160°-165° m.p., white, ctns., 30 tons, same basis..lb. .24¾- —
smaller lots.....lb. .25 - .25¾
180°-185° m.p., amber, ctns., 30 tons, same basis..lb. .16¼- —
smaller lots.....lb. .16¾- .17¼
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller lots.....lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .23¾- —
Bayberry, bgs.....lb. No stocks
Bees,[1] bleached, USP, white, bricks, bgs., ton..lb. .58 - —
discs or cakes, bgs., ton, lb. .60 - —
ctns., ton.....lb. .58½- .60¼
slabs, bgs., ton.....lb. .52½- —
yellow, crude, African, bgs., ton..lb. .37½- —
Cent. or So. Amer., sun-bleachable, bgs., ton..lb. .44¾- —
unbleachable, bgs., ton, lb. .41¼- —
ref'd, USP, bricks, bgs., ton. lb. .53¼- —
disc., bgs., tons.....lb. .55¼- —
ctns., ton.....lb. .56½- .58¼
rounds or squares, bgs., ton..lb. .57½- —
ctns., ton.....lb. .61 - .68
slabs, bgs., ton.....lb. .57 - —
Candelilla,[1] crude, bgs., ton..lb. .34½- —
smaller lots.....lb. .35½- .44¼
Candelilla, powdered, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c.
refined, bgs., ton.....lb. .44 - —
smaller lots.....lb. .45 - .54
Carnauba,[1] chalky, No. 3, bgs., ton lots..lb. .71¼- —
smaller lots.....lb. .72¼- .81¼
North Country No 2 bgs., ton lots..lb. .75¾- —
smaller lots.....lb. .76¾- .85¾
No. 3, bgs., ton.....lb. .78½- —
smaller lots.....lb. .74½- .83¼
refined, bgs., ton.....lb. .76¾- .80
smaller lots.....lb. .77¾- .90
yellow, No. 1, bgs., ton....lb. .83¼- —
smaller lots.....lb. .84¼- .93¼
No. 2, bgs., ton.....lb. .81¼- —
smaller lots.....lb. .82¼- .91¼
No. 3, bgs., ton.....lb. .79 - —
smaller lots.....lb. .80 - .89
carnauba wax, powdered (same differentials as candelilla).
Ceresin, dom., 138°-140° m.p., bgs., ton..lb. .13½- .14
jobbing lots.....lb. .14½- .15
150°-160° m.p., bgs., 1 ton, lb. .15½- .16
jobbing lots.....lb. .16½- .17
160°-170° m.p., bgs., 1 ton, lb. .16½- .17
jobbing lots.....lb. .17½- .18
Japan, cs.....lb. No stocks
Montan, bgs.....lb. No stocks
Ouricury,[1] bgs., ton.....lb. .48½- .51¾
smaller lots.....lb. .50½- .61¾
Ouricury,[1] bgs., ton.....lb. .49½- .51¾
refined, bgs., ton.....lb. .62 - —
smaller lots.....lb. .63 - .73
powdered ouricury prices same as candelilla.
Paraffin (see under P).
Spermaceti, blocks, cs.....lb. .26 - .27
cakes, cs.....lb. .27 - .28
White lead (see Lead, white).
White pine bark, rossed, bls..lb. .15 - .16
White precipitate,[3] powd., dms., 50 lbs. or more..lb. 1.98 - —
Whiting, chalk, wet-ground, bgs., c.l..ton.21.00 -25.00
l.c.l.....ton.25.00 -29.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l.....ton.20.00 -24.00
gilders, bolted, bgs., c.l...ton.20.00 -24.00
l.c.l.....ton.21.00 -25.00
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l.....ton.23.00 -27.00
Paris white, bgs., c.l., ton.24.00 -28.00
l.c.l.....ton.25.00 -29.00
limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works, ton. 6.00 - —
smaller lots, N.E., wks, ton. 7.00 - 9.00
wet-grd., air-floated, 300 mesh, 90-95%, bgs., c.l..ton. 9.35 -10.10
200 mesh, bgs., c.l.....ton. 8.60 - 9.50
90%, bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra gilders, bgs., c.l..ton.13.00 - —
gilders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l..ton.12.00 - —
Precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l.....ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, bls.....lb. .18 - .19
rossed, green, bls.....lb. .26 - .28
Wild indigo root, bls.....lb. .18 - .19
Witch-hazel extract, dist., NF, bbls..gal. .70 - .75
Leaves, bls.....lb. .14 - .15
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N.Y..ton.20.00 - —
60 mesh, same basis.....ton.24.00 - —
80 mesh, same basis.....ton.27.00 - —
100 mesh, same basis.....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.....lb. .20 - .22
Levant.....lb. 4.50 - 4.75
Wormwood, bls.....lb. .50 - .55

X

Xanthorrhiza, bls.....lb. .25 - .30
Xylene (see Xylol).
Xylol[6] (xylene), indus., dms. return., works..gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
West, Minnequa, Col....gal. .27 - —
10°, dms., return, works....gal. .35 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .30 - —
5°, dms., return, works....gal. .42 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .37 - —
8°, dms, return, works....gal. .47 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .42 - —
Xylol petroleum solvent, ret. dms., Nc. N. J.....gal. .26 - —
Xylidin, mixed, dms.....lb. .35 - .39

FOR *Certified* QUALITY AND ECONOMY

Specify WITCO'S STEARATES

Known for their exceptional purity... even, fluffy texture and freedom from all traces of "greasy" lumps, Witco's Calcium, Aluminum and Zinc Stearates are composed of finely graded metallic oxides processed with high-test stearic acids. Highly uniform in quality, they are unexcelled for their various uses...

WITCO CALCIUM STEARATE helps to bring waterproof and water-repellent qualities to textiles, plastics, crayons, etc.

WITCO ALUMINUM STEARATE, because of its high degree of transparency, is widely used by the paint, printing ink and petroleum industries.

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Y

Yara yara, cryst., bots., cns...lb. 1.75 - 2.20
Yeast, brewer's, dry, 50 B units, dms...lb. .35 - —
90 B units, dms...lb. .45 - —
200 B units, dms...lb. .50 - —
300 B units, dms...lb. .60 - —
Yellow, barium chromate, C.P., bgs., l.c.l., divd. N. of Tenn. and N. C. E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul...lb. .22 - —

Barium chromate price differentials on deliveries in the various other State and city zones are the same as those for chrome yellow, which are set forth below.

Benzidin, bbls., divd...lb. 1.35 - 2.25
Cadmium, CP, import, bxs...lb. 1.35 - 1.40
Chrome CP, bbls., divd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .16 - —

Chrome yellow prices are ½c. higher, divd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher divd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Dutch, pink, bbls...lb. .09 - .11
Hansa, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis.lb. 1.75 - —
Lithopone, bbls., ton lots, E. of Rockies..lb. .55 - —
smaller lots, same basis..lb. .65 - —
sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Mercury oxide, bbls., 1,000 lbs. lb. 1.33 - —
smaller lots...lb. 1.53 - —
Ocher, American, golden, bbls., works..lb. .04½- .06¼
yellow, bbls., works...lb. .02 - .02¼
French type, bbls., c.l....lb. .0345- —
l.c.l....lb. .0365- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, Pa..lb. .04½- —
l.c.l., same basis...lb. .05 - —
synth, bbls., c.l., works...lb. .07 - —
l.c.l., works...lb. .071 - —
Persian orange (see O).
Zinc,[6] bbls., same basis as chrome..lb. .15 - —
Navy spec. type, bbls., contracts..lb. .15 - —
Yellow dock root, bls...lb. .38 - .40
Yellow xanthorrhiza (see Xanthorrhiza).
Yerba santa leaves, bls...lb. .25 - .27
Yohimbine hydrochloride, vis..oz. 3.00 - 5.75

Z

Zein, bgs., 1,000 lbs., works..lb. .26 - —
smaller lots, works...lb. .30 - —
Zinc acetate, tech., bbls., divd.lb. .16 - .17
USP, bbls., 250 lbs...lb. .26 - .27
kgs., 100 lbs...lb. .29 - —
Zinc arsenite,[1] bgs., c.l., frt. alld. n. of Rockies..lb. .11¾- .12½
l.c.l., same basis...lb. .12¼- .13⅛
Borate, bgs., c.l...lb. .12 - —
l.c.l....lb. .12½- —
Carbonate, tech., rubber makers' grade, bbls., lb. works..lb. .09¾- .10⅜
USP, precip., powd., bbls..lb. .35 - —
dms...lb. .40 - —
kgs...lb. .37 - —
Chloride, tech., fused, dms., c.l., works..100 lbs. 5.00 - —
l.c.l., works...100 lbs. 5.35 - —
gran., dms., c.l., works...100 lbs. 5.75 - —
l.c.l., works...100 lbs. 6.50 - —
USP, dms...lb. .30 - .31
jars...lb. .35 - .36
solution, 50%, dms., c.l., works...lb. .0315- —
l.c.l., works...lb. .04½- .04⅛
tanks, works...lb. .0250- —
Chromate (see Yellow, Zinc).
Cyanide, kgs., works...lb. .33 - .37
Dust,[6] bbls., c.l., divd...lb. .1035- —
l.c.l., works...lb. .1135- —
Fluoride, bbls...lb. .25 - .30
Hydrosulphite, dms., works..lb. .16 - —
Iodide, NF, bots...lb. 4.68 - 4.75
jars...lb. 4.40 - —
Laurate, bbls...lb. .32 - .33
Metal,[1,2,5] (quotations in Protective Coatings market report).
Naphthenate, 8%-10% Zn, 50-gal. dms..lb. .16 - .19½
Oxide, pigment, dom., acicular,[6] bgs., c.l., divd..lb. .07¼- —
l.c.l., divd...lb. .07¼- —
American process, com'l, lead free,[6] bgs., c.l., divd. lb. .07¼- —
l.c.l., divd...lb. .07½- —
Zinc oxide, pigment, dom., leaded, 5%, bgs., c.l., divd. lb. .07¼- —
l.c.l., divd...lb. .07⅝- —
leaded, 35% or more, bgs., c.l., divd..lb. .07 - —
l.c.l., divd...lb. .07¼- —
French process, com'l, lead free,[6] bgs., c.l., divd...lb. .07¼- —
l.c.l., divd...lb. .07¼- —
green seal, bgs., c.l., divd., lb. .09 - —
l.c.l., divd...lb. .09¾- —
red seal, bgs., c.l., divd.lb. .08¼- —
l.c.l., divd...lb. .08¾- —
white seal, bgs., c.l., divd. lb. .09½- —
l.c.l., divd...lb. .09¾- —
USP,[6] 50-lb. ctns., c.l...lb. .10½- —
l.c.l....lb. .10¾- —
Zinx oxide Pac. coast prices ½c. higher. Bbl. prices ½c. higher than bgs.
Resinate, 8.7% Zn, 100-lb. dms. lb. .14½- —
fused, pale, bbls...lb. .11 - .12
precipitated, dms., divd...lb. .15 - —
Silicofluoride, bbls...lb. .15 - .16
Stearate, tech., ctns., c.l., frt. equald..lb. .29 - —
ton lots, frt. equald...lb. .30 - —
smaller lots, frt. equald.lb. .31 - —
USP (same prices as tech.).
Sulphate, cryst., bgs., c.l., works, frt. alld..100 lbs. 3.40 - —
l.c.l....100 lbs. 4.15 - —
flake, bgs., c.l...100 lbs. 3.80 - —
l.c.l....100 lbs. 4.55 - —
powd., bgs., c.l...100 lbs. 5.35 - —
l.c.l....100 lbs. 6.10 - —
Zinc sulphate in bbls., 25c. higher.
Sulphide,[1,5] pure, bgs., c.l., divd..lb. .08¼- —
l.c.l., divd...lb. .08½- —
bbls., c.l., divd...lb. .08½- —
l.c.l., divd...lb. .08¾- —
Zinc sulphide, barium pigment, bgs., c.l., divd..lb. .0560- —
l.c.l., divd...lb. .0585- —
calcium pigment, bgs., c.l., divd..lb. .0560- —
l.c.l., divd...lb. .0585- —
fluorescent, pigment, works, frt. alld..lb. .90 - 1.00
magnesium pigment, bgs., c.l., divd..lb. .06¾- —
l.c.l., divd...lb. .06 - —
Zinc sulphide Pac. coast prices ¼c. higher. Bbl. prices ¼c. higher than bgs.
Sulphocarbolate, NF, bbls., dms., lb. .28 - .31
Tallate, 5% Zn, 50-gal. dms..lb. .09¾- —
Yellow (see Yellow, zinc).
Zinc-ammonia chloride, cms., c.l., works..100 lbs. 5.65 - —
l.c.l., works...100 lbs. 6.70 - —
Zinc-cadmium sulphide, fluorescent, works, frt. alld..lb. 2.50 - 2.85
Zinc-iron oxide pigment, bgs., c.l., divd..lb. .06 - —
l.c.l., divd. E. of Rockies. lb. .06¾- —
divd. Pac. cst...lb. .06¾- —
ex whse., Pac. cst....lb. .07 - —
Zirconium hydride, cns., works. lb. 7.00 - 8.00
Nitrate, kgs., works...lb. 3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.75.00 -100.00
white, 98%, grd., kgs., works, ex whse., Pac. cst....lb. .07 - —
lb. 1.80 - 2.00

Synthetic Resins

The customary monthly listing of prices for synthetic resins and other branded paint materials was printed in OPD for October 2.

Smullen, Urich, Gunn Quit WPB Coatings Jobs

The resignation of George C. Smullen, Ralph T. Urich, and F. V. Gunn from the Protective Coatings Branch of the Chemicals Bureau, WPB, each of whom is returning to his former connections in private industry, was announced this week by the WPB.

Mr. Smullen, who has been with the branch almost two years, resigned, effective November 1, as chief of the paint, varnish and lacquer unit, to go with the Muralo Company, Staten Island. Mr. Gunn, who had been with the branch for more than a year and was chief of the lacquer solvent unit, resigned, effective October 15, to return to F. V. Gunn & Co., Richmond, Va., distributors of paint materials. Mr. Urich, who was chief of the Synthetic Resins Section, resigned, effective November 1, to go with the New York office of Reichhold Chemicals, Inc., Detroit. He had been with the branch for eighteen months.

Whitney Leaves WPB For Hinde & Dauche Co.

Arnold B. Huyssoon has been made director of the Paperboard Division to succeed R. W. Whitney, according to Hiland G. Batcheller, Operations vice-chairman of the War Production Board. Mr. Whitney is returning to his position as vice-president of the Hinde & Dauche Paper Company, Hoboken, N. J., from which he has been on leave since January 15, 1944, but will continue to be available as a special consultant to the director of the Paperboard Division. Mr. Huyssoon is vice-president and sales manager of the Continental Paper Company, Ridgefield Park, N. J.

Chemical Salesmen Hold Annual Meeting

Salesmen's Association of the American Chemical Industry held its annual meeting in the Midston House October 19. Frank Fanning, of N. I. Malmstrom & Co., Brooklyn, presided. A membership report was submitted by Al Loeffler of the Monsanto Chemical Company as chairman of the membership committee. A nominating committee was selected to arrange a slate of officers to serve in 1945.

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Don't Stand for Holdups

The experience of United States war agencies and private enterprise in the run-around given them by the Spanish government in the matter of exports of olive oil presents a variety of economic facets. For a time, at least, the outstanding feature appeared to be the refusal of importers in this country to pay the prices demanded by Spain. It is significant that there were very few "beefs" about the trade-strangling effects of the ceiling on olive oil prices here. The prevailing sentiment was that Spain was staging a holdup and should not be allowed to get away with it. Now—all the oil has been taken at Spain's price, which allows a profit only when sold in small packages—on which there is no ceiling.

It is interesting to conjecture whether there would have been any resistance to price-booming if there were no ceiling on olive oil prices. Before there was a ceiling on menthol, carnauba wax, and various essential oils, for example, the domestic markets reflected the attitude of opportunists in the countries of supply. It is an ancient adage that, whatever the cost, business must go on, as far as the traffic will stand. That old saw is currently being given a greatly revised wording. It may be that the new version will not become widely popular until after the war. But, at least where there are price ceilings, backbones should take on a high degree of inflexibility now.

Everywhere, every day one hears the emphatic declaration of some mistreated, often insulted, usually gouged customer, of some place or other that he'll be damned if he'll have one cent's worth of dealing with that bunch of so-and-sos after he gets out of the squeeze of war.

Now is the time to go about this thing of not dealing with holdup sellers and others who are riding a high horse because people have to come to them for something they need. It is clear that many business places are not building for the future. It is inescapable that failures among these businesses are going to be of startling proportions a very short time after the war.

Many things will be forgotten soon after the squeeze of war is lifted. But, the perpetuation of that which is good in business demands that there be no dealing now and henceforth with those who seek to take advantage in price, in quality, or in service, of the stress of the times. The United States can get along without Spanish olive oil. Tom Jones can get along without Snippity Smith's Shop. Both should start in right now and continue forever to demonstrate this fact beyond the shadow of a doubt.

—O-P-D—

The Wood Age Persists

Those whose fortunes are entwined with the utilization of wood are getting out of the perturbation into which they had more or less been driven by the claims advanced for the postwar utilization of plastics and light metals in a hundred roles normally heretofore occupied by wood. They are emerging also from the cloud of doubt and gloom cast upon them by the talk that, by the time the war was over, there would be no more wood left.

The suppliers of wood for its many uses are hitching along with both these depressing groups and figuring out how chemistry more or less closely related to the development of plastics can make the best wood still better and can bring a utilitarian value to the woods of lesser quality with which the wastelands of many parts of the country are filled. Wood is going to be something of an intermediate material in the providing of something better for industrial use, both in construction and in manufacturing.

Wood is being fireproofed, pestproofed, waterproofed, and wearproofed by chemical treatments. These make the best wood still better. Wood of lower grade and the waste of high-grade lumbering are being converted into cellulosic plastics and into strengtheners in all types of plastic fabrications. Better railroad ties, for example, are in the offing in both directions. Proofing of wood for such uses is ready to step far, far forward. Construction of better ties, and beams, and piles, and many other articles out of wood ground to a variety of finenesses and bound into a new form by "concrete" with a plastic is among the agenda for the postwar proceedings of industry.

The postwar years will bring a new recognition of wood all around, from construction interests to those of chemistry. From it will be derived sugar, as well as shingles. It will be the "ancestor" of alcohol, of cellulosic compounds, of hundreds of derivatives of lignin. Whatever other "ages" the world may enter upon—plastics, light metals, aviation—it will continue to live to an extensive and important degree in the age of wood, with many useful and progressive contributions of chemistry thereto and therefrom.

—O-P-D—

Cosmetic Research

In launching its program of scientific research in the field of cosmetics, the Toilet Goods Association has started out with the right foot. It contemplates a preliminary and preparatory compilation and study of the records of the state and progress of the art and the other knowledge that has accumulated in unpublished results of experimentation. In this way, the research program is designed to avoid duplication and further repetition and to eliminate confusion and contradiction. Search of the regulatory records of governmental agencies should not be neglected, for in that direction lie many guides to the avoidance of the increasing plague upon the cosmetic industry by way of prosecution on the basis of overenthusiastic claims.

Research in the field of cosmetics must be biologic or physiologic, psychologic, and sociologic. It has a breadth not common to most lines of such endeavors. Of course, it must also be chemical and physical with respect to the formulation, preparation, and presentation of the industry's wares. The TGA research job is big.

Contradiction stands big in claims and charges with reference to the efficacy and the safety of cosmetics. Progress in the field has been marked in many lines, no less so than in the development of hair-setting from greasing and gumming through alkalies and sulphur compounds into the almost latest use of thioglycollates, which is already getting some new competition. Hair coloring has had a similar progress by means of botanical and chemical agents both organic and inorganic. The odorizing and deodorizing, the coloring and decoloring of the human race have had a thousand twists. Under such conditions, opinions must differ and errors must be made. The general advance of the industry is, therefore, the more encouraging to those who feel that its markets in this country are worth, perhaps, another billion dollars.

Research is a useful industrial implement. To be best it must be technologic, as well as scientific, because there is little use in having something of great profit potentiality unless one knows well what to do with it. In large part, but not wholly, that enters upon the realm of what is popularly styled "market research." The cosmetic industry is well advanced in that endeavor. But, everything can be improved.

—O-P-D—

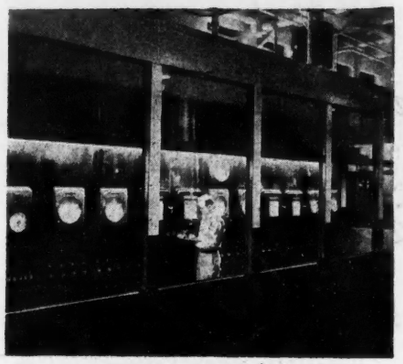
Peculiarities of Pampering

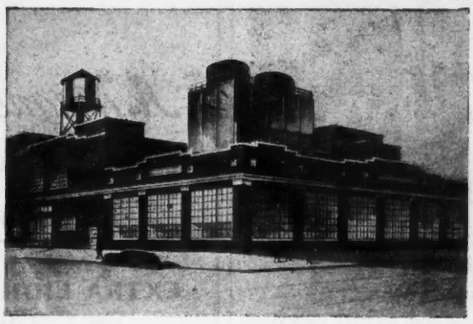
The United States Department of State has been "startled," according to one of its officers, by the requests of business delegations that governmental participation in and control of foreign trade be continued after the war. These requests arose from the fact that the interested businessmen were not prepared to take—as the official put it—"the kind of chances I have always assumed were part of the normal business risk."

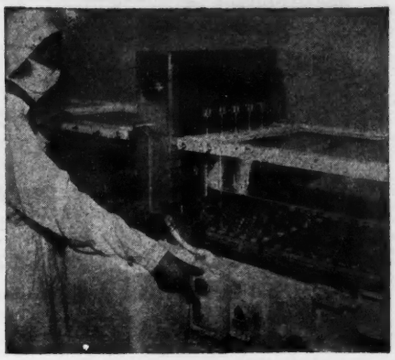
The pampered child is seldom a sturdy youngster. The subsidized business never measures up to the mark of vigorous private enterprise.

Exporters fear that, once the governmental system of quotas and allocations has been lifted, the demands of domestic markets will leave very little for them to send abroad. They really have more to fear from the satisfaction of foreign markets by way of lend-lease, a "control" through participation which will not disappear when the nazis are knocked out.

It is interesting to read that the Department of State official said that "for any really essential uses of short items WPB, by informal methods can get for export whatever is necessary." "Informal methods" have come to play a large part in the steadily growing economic functioning of that official's department.







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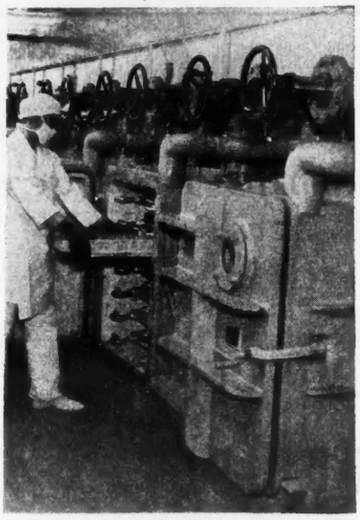

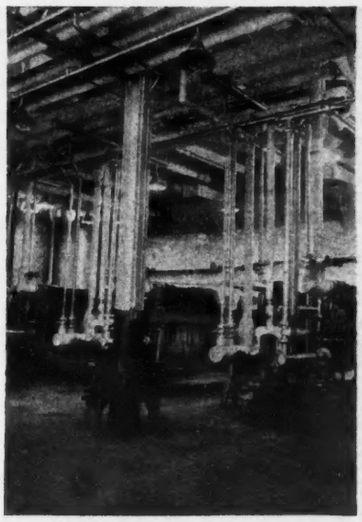

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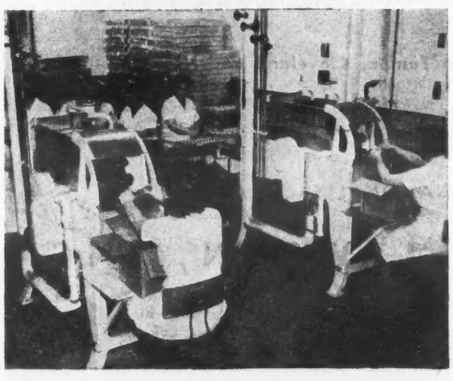

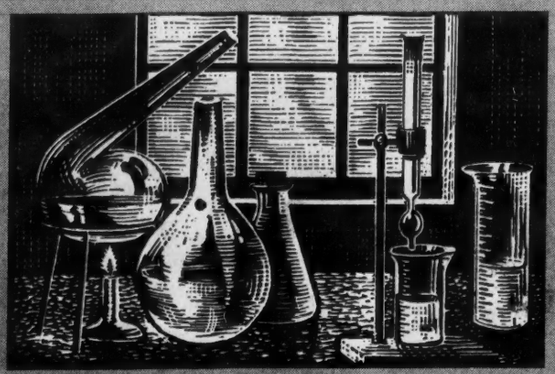

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Heavy Chemicals

Initial contracts for 1945 delivery were placed in soda ash and soda custic last week. The position of both chemicals remained unaltered without revealing any concrete evidence of easement in the supply situation. Heavy withdrawals of potash carbonate for government use have dented stocks at a rather lively rate, with repercussions felt in potash caustic. The impact affected civilian deliveries which were whittled down to short shipments. The future sulphuric acid picture as portrayed by WPB suggests improvement in the supply sometime next year, but the market was reported heavily sold at present. Napthenic and oxalic acids remained definitely tight so far as nearby shipments were concerned.

Battery manufacturers have taken a lot of sal ammoniac and the government has bought a lot of batteries. It looked as though considerable export tonnage was shaping up for copper sulphate. Aside from Latin America, France and Italy will require substantial quantities. Antimony oxide remained definitely tight. Producers were reported to have the metal but not the facilities to turn out the oxide fast enough to meet government and civilian needs.

Value of chemical production in the U. S. S. R. in July, 1944, exceeded expectations, according to the Soviet press. Output in basic branches of the industry, such as those producing nitrogen, soda products, organic materials and dyes is increasing steadily, and reconstructed plants produced more than the amounts scheduled. In some instances July output was 12 percent and dyes 8 percent above the estimated average.

Paper production as a percentage of six-day capacity was 94.7 in the week ended Oct. 14, according to the American Paper & Pulp Association. This compares with 94.8 in the previous week and 90.2 percent a year ago.

Ammoniac Sal. — Demand for this material has expanded considerably. Buying interest from battery manufacturers has been pronounced. Demand for batteries for military use has broadened with the progress of war and increased production has been urged by the government. Fortunately, the supply position of ammoniac has been sufficient to meet requirements in full with enough left over to cover other industrial needs without difficulty.

Copper. — Conservation order M-9c was amended October 13, by WPB. The fulfillment of requirements for defense has created a shortage in the supply of copper not only for defense but for private account and for export and an amendment was deemed necessary. The order refers to restrictions in manufacture of articles appearing on a combined list or of part of any such article if the same contain copper products or copper base alloy products.

Fluorspar.—Deposits of fluorspar in the Jamestown district of Colorado, one of the most productive districts in the West, have been rather extensively investigated during the year by the Geological Survey. A general geological map of the district as well as larger scale maps of the two main fluorspar producing areas together with maps and sections of six mines have been prepared. These maps and a short descriptive text have been released for public inspection in the open files of the Geological Survey in Washington, D. C. and at the Bureau of Mines, Denver, Colorado.

Magnesium Metal. — After five months of steady decline, primary magnesium rose slightly to 30,141,000 pounds in July. The downward trend will be resumed, however, as the result of further cutbacks recently announced by WPB. Preliminary data for August show primary production of about 25,000,000 pounds. Secondary recovery showed little change in July and held at the 2,000,000 pound level.

Manganese Sulphate. — Position of the market remained definitely tight. Production has been sold on contract and deliveries are going forward considerably behind current schedules.

Market Trends

Prices Advanced

Copper sulphate, monohydrated, 25c. per 100 lbs.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

General Chemicals

Last week.	Prev. week.	Last month.	Last year.
169.0	169.0	169.0	170.6

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

The shortage of available material has restricted new business.

Potash Carbonate. — Shipments of this material for government requirements have been one of the influences contributing to the market's tight supply. Short shipments have reached civilian consummers but demand temporarily is a little too broad to be comfortably handled.

Potash Caustic.—Not unlike the situation current in carbonate. Demand reported active and broad enough to pinch production sufficiently to force short shipments against contracts.

Potash Chlorate. — Reported that allocations covering the final quarter are sufficiently large to tax productive capacity. The buying situation is accordingly tight with little easement anticipated until after the turn of the year

Soda Ash.—Regular consumers can now place contracts covering requirements over 1945 at the same prices as prevailed this year. The market supply position showed no sign of easement. While producers have kept within range on bulk goods, material in bags remained considerably behind contract schedules.

Soda Caustic.—Supply situation remained definitely tight with no apparent easement in sight. Liquid maintained the best position regarding shipments but all grades of dry material were behind schedules. Contracts for shipment over 1945 could have been placed with regular consumers at prices prevailing through this year.

Acids

Adipic.—Consuming demand has increased for specific requirements. This was particularly noted for sealing compounds for fuel tanks and for other military purposes. Inquiry for civilian use was mostly for coatings for fabrics and for insulating resins and rubber plasticizers. Supply position remained tight.

Hydrofluoric.—Most of current production of anhydrous is moving through government channels although it was reported that all essential civilian requirements were covered. The supply position is expected to remain tight as long as the government is the largest buyer.

Naphthenic.—Remained in definitely tight position. The market has felt the impact of an unusually heavy demand both for military and civilian uses. It is expected the rectified grade will remain critical for some time.

Oxalic.—Supply situation showed no signs of improvement last week. Consuming demand was too broad to satisfy comfortably, and production was reported sold for the last quarter. Recent labor difficulties at one of the major producing plants have been settled, but the strike tended to aggravate the supply situation temporarily. Capacity production is now reported.

Sulphuric. — Demand for military and civilian requirements kept the supply from increasing, although output remained at as high a level as present facilities would permit. The situation has now ben agegravated by an insufficient amount of tankcars. According to reports, 750 new tankcars will be necessary to move production by the Spring of 1945. According to reports reaching the Department of Commerce, sulphuric acid production in Sao Paulo, Brazil, has increased from 21,676 metric tons in 1938 to the present rate of 43,000 tons. Wartime requirements have helped stimulate production, but industrial expansion, especially the manufacture

For Current prices see alphabetical listing beginning on page 9.

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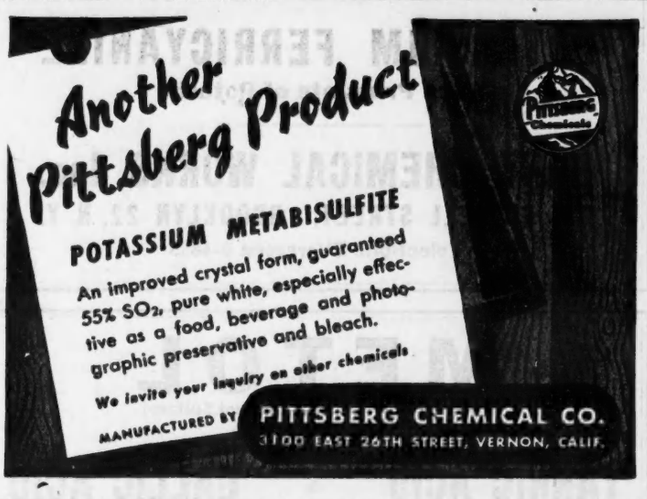
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of fertilizers and aluminum sulphate, will be important to the future of the sulphur and sulphuric acid trade of Sao Paulo.

Insecticides

Approval was given by stabilization director October 17 to a program for the purchase by the Commodity Credit Corporation of below quality tobacco stocks for the manufacture of nicotine in a move to bolster the nicotine supply. Officials of the War Food Administration said that present indications are that demand for nicotine by agriculture for pest control is expected to exceed supplies and that the program approved is highly essential, if the food program is to reach its goal next year. During the current year, it was stated, about 1,350,000 pounds of nicotine were produced for insecticidal purposes, which was about 200,000 pounds below the amount needed. Next year's demands are expected to be even greater.

No announcement is near of the release of supplies of DDT for civilian household or agricultural use, because there are still too many uncompleted tests and analysis yet to be made.

Chemical Allocations

—Continued from page 7

All other civilian requests were granted in full. Triethyleneglycol:—Civilian requests for chemical manufacture were cut 50 percent. There were no other civilian requests. Mixed Glycols:—All civilian requests for the manufacture of anti-freeze were allocated according to previously arranged schedules. All other civilian requests were granted in full.

Glycol Ethers.—Monoethylether of Diethyleneglycol Monoethylether.—Civilian requests for the manufacture of hydraulic fluids were granted in full. Other requests were allowed as follows:—chemical manufacture, 4 percent; solvents, 28 percent; textile oils, 95 percent. Ethyleneglycol Monoethylether:—All civilian requests were granted in full.

Ethyleneglycol Monoethylether: — The percentage allowed on civilian requests are as follows:—Chemical manufacture, 75 percent; solvents, 75 percent; hydraulic fluids, 70 percent. All requests were screened for inflation.

Ethyleneglycol monobutylether: — The percentage allowed on civilian requests are as follows:—Chemical manufacture, 12 percent; textile oils, 1 percent. All other civilian requests were denied.

Hexahydric Alcohols. — Crystalline Sorbitol—Mannitol:—All civilian requests were granted in full. Technical d-Sorbitol:—All civilian requests were granted in full with the exception of requests for the manufacture of ascorbic acid. These requests were cut 15 percent.

Hexamethylenetetramine. — Allocated 100 percent for essential civilian uses during October.

Higher Aliphatic Alcohols.—Mixed Alcohols:—There were no civilian requests. n-Decanol:—All civilian requests were denied. Capryl Alcohol and Oleyl Alcohol:—All civilian requests granted in full. 2-Ethyl Hexanol:—Civilian requests for plasticizer manufacture were cut 86 percent. Civilian requests for textile chemicals were cut 12 percent. There were no other civilian requests. Lauryl Alcohol:—The percentages allowed are as follows: pharmaceuticals, 12 percent; oil additives, 90 percent; detergents, 5 percent; rubber chemicals, 75 percent; industrial chemicals, 75 percent; resin manufacture, 50 percent. n-Octanol:—Civilian requests for industrial chemicals were allowed 84 percent. There were no other civilian requests.

Hydrofluoric Acid, Anhydrous.—Since the supply of anhydrous hydrofluoric acid is extremely short, full quantities required by essential programs could not be allocated. The shortgae was further accentuated by a fire which will cause several weeks' loss of production at one plant.

Ipecac.—Granted for medicinal use only; allocated 100 percent of requests.

Isobutyl Alcohol.—The following essential civilian requests were granted in October: urea formaldehyde resins, 50 percent; hydraulic brake fluids, 50 percent; rayon lubricants, 100 percent; dyes and penetrants, 90 percent; cellophane, 100 percent; miscellaneous, 100 percent. Requests for lacquer and thinner were denied.

Isopropyl Acetate.—The following requests for isopropyl acetate were granted in full: sulfonamide drugs; acetic acid and acetic anhydride; miscellaneous mixtures; new shoe cement; laminating adhesives; asbestos sheet packing; neoprene cement; rubber compounds, de-icers; lube oils; penicillin; adhesives and small orders.

Isopropyl acetate requests for protective coatings were granted as follows:—the groups as identified below are the listings given in WPBi-1943: Group A, 100 percent; group B, 100 percent; group C, 100 percent; group D, 100 percent; group E, 50 percent; group F, 50 percent; group G, 50 percent; group H, 50 percent; group I, 50 percent. Denied for group J.

Isopropyl Alcohol 91 Percent.—The following requests were granted in full:—acetone, brake fluid, chemical manufacture, drugs and vitamins, germicides and disinfectants, laboratory use, oil emulsions, plastics and resins, textiles, small orders, isopropyl acetate, synthetic rubber, liquid wax and metal polish, printing and aniline inks, zein, electrical communications, extraction of petroleum sulfonates and food containers. Anti-freeze requests were allocated in accordance with L-51.

The following requests were denied:—cosmetics, cleaners and removers, rubbing alcohol, technical coatings, shoe polish and shoe cleaners, window cleaners, shoe adhesives and cements, furniture, transportation and coated fabrics.

Isopropyl Alcohol 95 Percent.—Transportation lacquers, household cleaners, furniture and cosmetic requests were denied. All other requests were granted in full.

Isopropyl Alcohol 99 Percent.—The following requests were granted in full:—Acetone, brake fluid, chemical manufacture, de-icing fluid, disinfectants and germicides, drugs and vitamins, gasoline inhibitors, laboratory use, oil emulsions, pectin, resins and plastics, synthetic rubber, textiles, xanthates, food containers, and printing and aniline inks.

Requests for the following were denied:—Cosmetics, cleaners and removers, hospital sheeting and other sheeting, rubbing alcohol, shoe adhesives and socklinings, technical coatings, window cleaners, shoe polish

—Continued on page 37

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Coaltar Chemicals

No evidence of improvement in the supply of basic coaltar products was revealed during the past week. Heavy withdrawals for military use have forced a limitation on the material available for civilian requirements and left the major basic commodities in the same tight condition recently reported. Possibly the situation in benzene, toluene and xylene was a bit more critical and the same might be said of naphthalene. Continuance of arrivals have afforded some replenishment to stocks of cresylic acid, but demand has checked reserve accumulations. With this background, the position of intermediates and dyestuffs was obvious, but aside from the difficulty in securing sufficient basic materials the overall situation has been aggravated by a shortage of manpower. Prospects for better buying conditions are not so encouraging at the moment, although decisive military developments could change the outlook appreciably.

Steel operations for the week beginning October 16 were scheduled at 97 percent of ingot capacity, compared with 96.9 percent for the previous week, according to the American Iron and Steel Institute. A month ago the indicated rate was 95.3 percent. The current schedule is equivalent to the production of 1,745,000 net tons of ingots and castings for the week compared with 1,755,200 tons for the corresponding week in 1943.

A plant for the production of high-coefficient tar-acid disinfectants has been established in Toronto, Canada, according to foreign advices. These products formerly have been imported, principally from the United Kingdom, although a concern in Montreal has manufactured some lower-coefficient materials for several years.

Basic Products

Benzene.—Continued heavy withdrawals for military use have prevented any easement in the supply situation. Demand has remained above the productive capacity and deliveries are behind contract schedules. Meanwhile, the overall situation was reported definitely tight.

Coaltar. — Essential requirements have been covered and enough material has been shipped to sections for fuel use to relieve difficulty brought about by the shortage of coal and petroleum.

Creosote Oil. — Demand active enough to hold market in relatively tight position although the supply has met all essential requirements without difficulty.

Cresylic Acid.—Arrivals of foreign material have helped the supply situation. Demand was broad enough to hold the market in a firm position without influencing any price change.

Naphthalene.—Pressure of a heavy consuming demand has prevented any easement in the position of this market. Material has been shipped out as rapidly as produced without satisfying all requirements, although essential uses were reported to have received a fair break on deliveries.

Phenol.—Reported firm under a well diversified demand. Supply meeting essential requirements with chemicals, dyes and medicinals well represented in the week's movement.

Toluene.—Position reported exceedingly tight with supplies insufficient to meet requirements. Continued heavy withdrawals for government use forced limitation for civilian wants.

Xylene.—No improvement in buying conditions could be noted. Like benzene and toluene, supply was not equal to demand and the general market maintained a definitely tight position.

Chicago, Oct. 20.—Business in coaltar bases was in steady volume, and undertone held firm. Buyers of many of the principal grades of materials were willing to take most of the volume currently available. Benzol remained strong. Ruling prices exclusive of tax were:—Benzol, pure, in tankcars, freight allowed up to 2c. per gallon, 15c. per gallon; toluol, 2-degree, same basis, 28c.; 10-degree xylol, same basis, 30c.; industrial xylol, same basis, 27c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1, 15½c.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes
(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
129.2	129.2	129.2	129.2

Hydrogenated Solvents

Cyclohexanol.—Met with steady demand for essential and specific requirements. Production remained limited through difficulty in securing basic materials, and the market showed no departure from its former tendency to gradually tighten.

Methylcyclohexanone. — Production kept essential requirements covered without leaving much over. The supply situation continued uncertain, with output regulated by the availability of basic material and manpower.

Coaltar Acids

Anthranilic.—Just about enough to meet essential requirements. Conditions remained unfavorable for increasing production, and the market held a tight position, with prices firm.

Broenner's.—Conditions were not of a character to bring any appreciable easement to the supply situation. Essential wants received the preference.

Fumaric.—Regular consumers seemed to be receiving enough material through contract channels to cover essential wants. Production restrictions prevented the accumulation of reserve stocks.

Gamma.—Continued in demand for dyestuff manufacture. Supply situation failed to reflect any sign of easement.

Laurents.—Reported firm under limited stocks. Just about enough material to meet the essential requirements of regular consumers.

Maleic. — Demand for maleic, phenolic and phthalic resins was reported active, and there was also a broad miscellaneous inquiry for both large and small lots. Manufacturers of fumaric acid were well represented in the current movement.

Other Intermediates

Anilin.—Production regulated by the amount of benzene available. In recent weeks output has been curbed appreciably. Demand from the dyestuff and rubber chemical manufacturers continued active.

Anthracene. — Inquiry reported active for use in dyestuffs and for the manufacture of anthraquinone. Some interest also manifested by the tanning and petroleum industries. Essential requirements were reported covered.

Benzaldehyde, Technical.—Practically all recent production has gone for military purposes. Market situation firm and definitely tight.

Carbazole.—Demand well sustained for use in dyestuffs and explosives. Supplies limited, but sufficient to take care of essential requirements.

Dinitrobenzene. — Supply remained short and production difficult under conditions current in the basic material. Market reported tight, with no sign of early easement.

Diphenylamine. — Production held down by short anilin stocks. Inventories have been thrown in to keep essential wants covered.

Nitrobenzene.—Supply short with buying conditions tight. Position of basic material fully reflected.

Nitronaphthalene. — Remained in light supply under limited output. Material moved as rapidly as produced.

Orthonitrotoluene. — No improvement in supply situation and not likely to be until conditions loosen in the basic material.

Paradichlorobenzene. — Production restricted and heavily sold on contract to regular customers. Supply situation reported definitely tight.

Paranitroanilin. — Supply situation short through limited production brought about by tight basic market conditions.

Paratoluidin.—Market governed by

For Current prices see alphabetical listing beginning on page 9.

Coke By-Products

Estimates of by-product coke-oven operations in the week ended Oct. 14, indicate the following output of by-products from that source:—

Ammonia sulphate	lbs.	38,949,915
Benzol	gals.	3,820,961
Coaltar	gals.	14,914,073
Creosote oil	gals.	788,844
Naphthalene	lbs.	1,663,967
Phenol	lbs.	221,862
Toluol	gals.	764,192
Xylol	gals.	172,560

basic situation. Restricted production kept buying conditions tight.

Phthalic Anhydride.—Demand kept well above the supply limit. Considerable inquiry from the manufacturers of synthetic resins, dyes and intermediates that could not be entirely covered.

Coaltar Colors

No appreciable improvement in the supply situation. Curtailed production has kept assortments limited while demand has maintained a seasonal degree of activity. The price structure continued steady, the firm position of basic materials contributing strength to the general dyestuff market.

Chemical Allocations

—Continued from page 34

and shoe cleaner, furniture and transportation.

Requests for small orders were allocated 25 percent of the amount requested.

Lithium Compounds.—This order has been revoked.

Maleic Anhydride.—Allowed for the following end uses as shown below:—Abrasives, 100 percent, 2,540 pounds; experiments, 83 percent, 7,066 pounds; polyvinyl resins, 94 percent, 4,650 pounds; phthalic resins, 63 percent, 68,121 pounds; phenolic resins, 57 percent, 10,488 pounds; polystyrene resins, 100 percent, 75,000 pounds; poly acrylic resins, 100 percent, 2,200 pounds; zinc chromate, 84 percent, 3,173 pounds; oil demulsification, 100 percent, 2,100 pounds; oil additives, 84 percent, 5,025 pounds; paper sizing, 100 percent, 3,000 pounds; rubber, 100 percent, 533 pounds; substituted oils, 53 percent, 3,709 pounds; tanning agents, 89 percent, 11,200 pounds; toluene purification, 106 percent, 875 pounds; wetting agents, 85 percent, 22,350 pounds; maleic resins, 64 percent, 327,940 pounds.

Methanol, Wood Distilled, Denaturing Grade, 95 to 97 Percent.—Requests for civilian uses were granted in full. Requests for anti-freeze granted in line with L-51 quotas.

Methanol, Synthetic.—Civilian requests were allocated as follows:—Allowed in full for photographic products, drugs and pharmaceuticals, dyes and dye intermediates, wire coatings, extraction and solvent uses. Allowed 50 percent of requests for wood stains. Requests for shellac and lacquer coatings were denied. 48,355 gallons were granted for protective coatings, and 359,949 gallons were granted for all others. Requests for anti-freeze were allowed in accordance with L-51 quotas.

Metallic Sodium.—The metal remains in short supply because of especially heavy demand for military uses. Production losses due to manpower difficulties have further tightened this situation. No change in general policy of allocation can be expected over the coming months.

Methylethylketone.—All requests for civilian uses in October were denied, except requests for use in the manufacture of aromatic chemicals, which were allowed 80 percent.

Methylisobutylketone.—Allowed 100 percent for essential civilian lacquers, drugs, denaturants, anti-freeze, farm machinery lacquers, new and railroad transportation, solvent (cleaners), industrial manufacture lacquers, research, food containers and closures.

Denied for bowling alley lacquers, non-essential lacquers, furniture and transportation (refinishing).

Small exempt orders to jobbers and producers for resale were granted 5 percent of total production.

Naphthalene.—Allocated for phthalic anhydride (M-214); beta naphthol; other dye intermediates, 908,000 pounds; other uses, 100 percent; agricultural insecticides, 110,000 pounds. Denied for moth repellent use with exception of small quantities allowed for hardship cases.

Naphtha, Enamel Wire.—October requests for this material were on the level of the previous month. Successful substitution of high-flash naphtha for this solvent in certain wire enamel formulations has been confirmed.

Naphtha, High Flash.—There has been no change in the policy for this solvent.

Naphthenic Acid and Naphthenates.—There has been a gradual but encouraging upward trend in naphthenic acid production in recent months. Unfortunately, this increase is not reflected in the production of rectified grades in the same proportions. Consequently, the critical shortage of premium grade acid has not been alleviated by these increases. It now appears that further recoverable crudes on the West Coast will have to come from those major refiners who at present are not recovering naphthenic acid cuts extensively.

As in recent months, civilian driers experienced the severest cuts. Only 9 percent of such requests were allocated. Following this restrictive policy other civilian end uses were denied extensively. Expressed in units of thousands of pounds the civilian allotments of metallic naphthenates were as follows:—Coated fabrics, treated fabrics, fungicides, 25.4; demulsifiers, wetting agents, emulsifiers, etc., 2.9; molding compounds, core oil, 1.5; printing inks, 2.1; wood treating and wood preservatives, 24.4; driers, 36.4; E.P. lubricant base, 89.3; rust preventives, 0.6; miscellaneous, 1.0; aggregate small orders, 14.2.

Nicotinamide.—Requests for civilian medicinals were granted 58 percent.

Nicotinic Acid.—Civilian requests were granted 100 percent for medicinal nikethemide (small amount only), and 61.4 percent for other medicinals. Food fortifications were allowed 77.7 percent.

Nitrogen Compounds.—Nitrogen solution requested for agricultural use was over double the average monthly basic allocation, and only 52 percent of these requests could be supplied. No improvement in this situation can be expected as long as present military requirements continue.

Paraformaldehyde. — To be announced later.

Pentaerythritol.—Allocated for essential civilian uses during October as follows: maleic alkyd resins 86 percent; phthalic alkyd resins 73 percent; ester resins 52 percent; phenolic resins 100 percent; substitute drying oils 99 percent; research 100 percent; miscellaneous uses 100 percent.

Perchlorethylene.—For the month of October all essential demands have been met in full. The situation with regard to this commodity has been

—Continued on page 48

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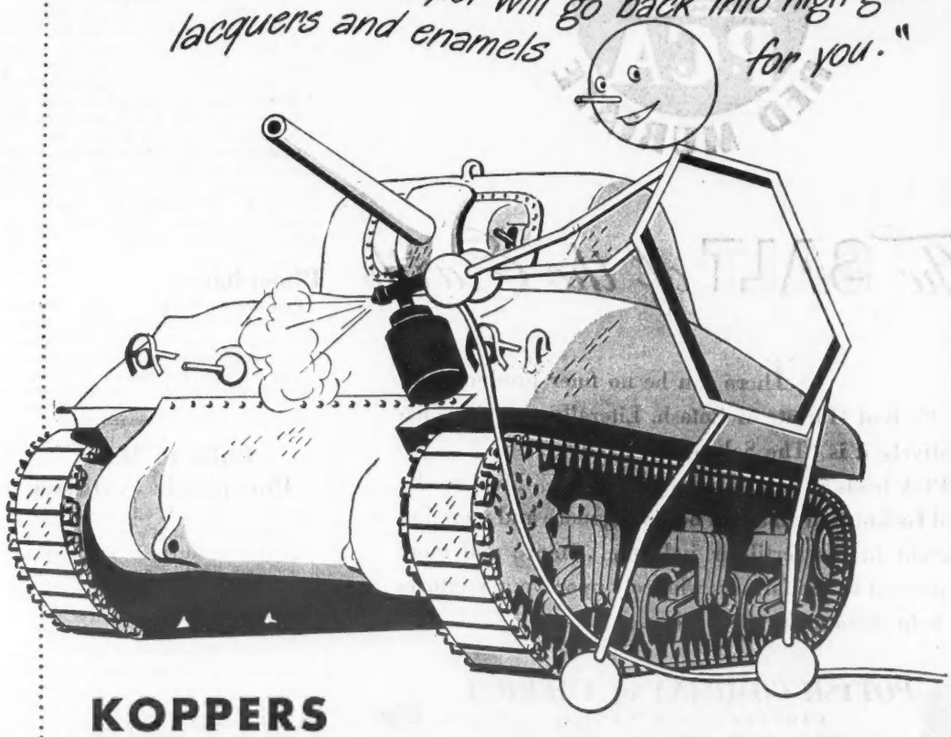

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Fertilizer Materials

Fixed nitrogen produced in government war plants was until recently being converted into nitrogen solutions for use in mixed fertilizers and into ammonia nitrate, according to the National Fertilizer Association. At present this nitrogen is being used in munitions manufacture and the supplies of these materials for fertilizer use this coming year will be very much less than last year unless there is a change in the munitions program.

Superphosphate production has been affected by the stepping up of the munitions output. For several months, the superphosphate industry has been getting a large quantity of sulphuric acid from ordnance plants, but this supply has been greatly curtailed and indications suggest that total superphosphate stocks for the year may be below that of a year ago, although not below to the extent of seriously curtailing the production of mixed fertilizers.

Fortunately, there was a large carryover of mixed fertilizer from last season in several sections and mixing plants have been running to capacity all Summer. It will, therefore, be possible for most, if not all, fertilizer companies to ship for Spring use this Fall and Winter if farmers will order and accept deliveries. This was done last year with the result that many farmers received fertilizer, who would not have received it otherwise.

Nitrogenates

Ammonia Sulphate.—Mixers have called for allotments of this material and demand has shown a tendency to increase. Production has found a steady outlet and the supply condition has been kept relatively low.

Bone Meal.—Market reported in limited supply although some domestic material was available at ceiling figures. More activity was expected to develop from feeders with the advent of cooler weather.

Castor Pomace.—Available material remained definitely short while inquiry was reported active, particularly from Florida. If there is material being produced, it was reputed to have been sold against existing contracts.

Dried Blood.—Some activity reported for feed at ceiling prices. Demand reported better but not urgent. Domestic supplies remained limited. Moderate importations were noted.

Soda Nitrate.—Demand reported active with steady shipments going forward. WFA has stated that shipping priorities have been granted for 850,000 tons of Chilean nitrate. The amount of nitrogen now regarded as certain for this year is approximated at 43,000 tons less than was used for fertilizer last year but is considerably above the average of recent years.

Tankage.—Colder weather has stimulated the inquiry for this material and gradual improvement was reported in the extent of activity in domestic. Feeders have paid ceiling figures to secure goods.

Phosphates

Phosphate Rock.—Labor shortage has assumed a more critical condition at mining areas. Reports indicate that enough material is above ground to meet requirements of acidulators but the migration of workers to the citrus groves in Florida is causing a greater pinch than in other years.

Superphosphate.—Total supply of 18 percent a.p.a. for the month of August was given at 1,312,843 tons by the Bureau of the Census. The total disposition was 548,663 tons, leaving stocks on hand at the end of the month—764,180 tons. At the end of July, the supply was 751,485 tons. The supply of high test at the end of August was placed at 36,536 tons against 47,682 tons at the end of July. Current demand was reported active enough to take material about as fast as produced leaving the situation relatively tight. The price structure remained firm with ceiling figures generally recognized in the acceptance of business.

India to Make Phosphatic Fertilizer

Establishment of a factory for large-scale manufacture of phosphatic fertilizers is being considered by the government of Madras, India, according to the Department of Commerce. It is proposed that domestic resources of phosphate estimated at several million tons be used as a raw material, using the manufacturing method developed by the Indian Institute of Science. This method does not require sulphuric acid and utilizes inexpensive raw materials.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

Potashes

Judging from reports from WFA, potash maintains a more favorable supply outlook than any of the major basic materials. Officials expect 725,000 tons of K_2O as compared with 604,000 tons last year. The expansion this year is expected to be in the form of muriate rather than in sulphate. Demand from mixers was reported active in most areas with full shipments against allocations going forward.

Sulphur and Pyrites

Industrial demand for sulphur showed no sign of relaxation. Shipments from mines have gone forward promptly from supply stocks that appeared ample to satisfy government and civilian wants without difficulty. While domestic pyrites has found a steady outlet, the Spanish variety remained quiet and without quotable change in prices.

Markets at Other Centers

Atlanta, Oct. 20.—A campaign is being launched in the South to get farmers to order fertilizers early and accept shipments promptly. Scarcity of sulphuric acid is leading agriculturists to advise farmers that superphosphate may fall shorter of demands than other fertilizer materials and that nitrogen supplies will likely be less for 1945 than for 1944. The outlook for fertilizer consumption in the South for 1945 is, therefore, considered bright and no difficulty is anticipated in selling all that can be made.

Baltimore, October 20.—Trading quiet in fertilizers. Fishing season about over. Grinders slow in turning scrap into meal. Ceiling prices effective. Superphosphate production slower with demand seasonal while market remained firm at 65c. per unit. Little buying interest in bone, dried blood or tankage.

Chicago, Oct. 20.—Rather extensive supplies of livestock are tending to keep the supply situation in nitrogenous fertilizer materials ample. However, tone of the market is fully firm, with takings of most grades of material relatively substantial. Orders have been fairly good for blood Tankage held up well in tone, on fairly adequate orders. Bone materials were firm. Bone Materials—Ground, steamed bone, 3 and 50 percent, $35 to $36 per ton; cattle jaws, skulls and knuckles, $44 to $45 per ton; dry, rendered tankage, hard pressed, $1.25; 50 percent meat and bone scraps, $68 to $70.

Los Angeles, Oct. 20.—The market continues to be tight here, with the ammonia nitrate situation of the greatest concern. The trade expects little relief unless outside material is brought in. Fish meal production was quite heavy at Monterey plants but was readily taken at ceiling prices, although demand at some points appeared less urgent than a year ago. Ammonia nitrate named at $65 per ton, f.o.b. production point, with freight allowance up to $4.40 per ton. Ammonia phosphate quoted at $48 per ton for 16/20 grade and $57 for 11/48 delivered California plant. Ammonia sulphate quoted $38 per ton, with freight allowance up to $4.40 per ton from California plant. Canadian material on same basis. Bone meal nominal at $45 to $48.50 per ton for steamed variety. Fish meal named at $77.50 per ton in cars for 67 percent protein California sardine meal, f.o.b. production plant, plus $2 merchandising.

For Current prices see alphabetical listing beginning on page 9.

Protective Coatings Materials

Although thus far unaided by the Federal government's initial reconversion program, whereby the War Production Board has permitted 1,110 manufacturers to resume civilian production under the so-called "spot authorization" procedure, the paint, varnish and lacquer industry is nonetheless making substantial progress in building up civilian business in numerous lines of protective coatings and the materials entering into the composition of these finished products well as distinctly military accounts in by booking orders for non-military as many directions wherein the war requirements are not absorbing virtually the entire visible supply.

Even the growing belief that the end of the war in Europe is still a long way off is in no wise deterring the paint makers and materials suppliers from exerting themselves to the utmost on this score, as they are determined to have a heavy anchor to windward to steady their craft in the event of an unexpectedly early arrival of V-E Day with its accompanying blow of at least a 40 percent cutback in war orders by all branches of the service except the Navy.

Although the marine paint advisory committee has informed WPB that automatic preference ratings must be maintained for the production of paints required for the maintenance of ocean-going vessels after the defeat of Germany, government representatives have reported that there should shortly be an ample supply of cuprous oxide for essential anti-fouling paint requirements, albeit a continuing shortage of certain grades of this material may make it needful for paint makers to purchase their requirements from more than one supplier.

Chief among the past week's developments affecting the prices of protective coatings materials have been a markup in quotations for soybean protein and an extension of OPA's 24-cents-per-unit lift in ceilings on gum rosin to all synthetic resins containing more than 50 percent of that natural resin, whose maximum prices may now be adjusted upward commensurately, upon OPA's approval of applications for the necessary authorizations.

Metallic Lead and Zinc

Bureau of Mines latest report on domestic production of metallic lead, showing a small increase in the output of United States mines, including Alaska's, to a total of 29,544 short tons, has continued to bear out the statement that home production of this metal, supplemented by sizable importations, is still sufficient for virtually all civilian as well as war needs, without drawing upon the Defense Supplies Corporation's stockpile. Hence lead pigment makers continue able to fill their requirements without restriction. Prices for pig lead for the week October 13-20 have remained unchanged at 6.35c. per pound in St. Louis and 6.50c. in New York.

With war requirements in zinc slabs continuing to offset gains in current production of zinc metal from concentrates, makers of zinc pigments are still required to present priorities in order to obtain the slabs. Bureau of Mines reports the output of domestic mills, both individual and custom, for August as amounting to 57,272 tons, an increase of 2 percent over that for July but this bureau also records a drop in the quantity of zinc-base scrap and residue treated in the refineries from 17,673 tons for July to 16,960 tons for August. Quotations for zinc slabs have remained unaltered for the week October 13-20 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Pigments

Titanium Dioxide.—In the hope of procuring a larger quantity of this whitening agent for the essential civilian trade, WPB's industry advisory committee is urging immediate adoption of an amendment to order M-353, whereby it expects to limit deliveries on rated orders to those carrying military certifications, instead of being allowed to include, as at present, many deliveries not based strictly on war production needs.

Bureau of Mines has announced, in a new publication, just released, that highgrade rutile concentrates, for use in coating welding rods, also in making special alloys and manufacturing smoke screen chemicals, are now being obtained from a deposit in Hot Spring County, Arizona.

Zinc Oxide.—A keen demand continues to be noted for all manner of zinc oxides and, with the lead-free types still subject to allocation control, many normal consumers of these types are being compelled to turn to the leaded kinds, which, although not under allocation, are becoming greatly reduced in available quantities, as increasingly large numbers of such consumers have recourse to them.

Fillers and Extenders

Asbestos.—Both Canadian and domestic grades continue moving into consuming channels. An arrival of 4,046 bagfuls has been noted. Prices firmly maintained throughout the list.

Mica.—Paint trade continuing to buy fairly extensively of dryground, waterground and finely pulverized types of scrap mica. Arrivals of strategic mica, consisting of 90 cases of block and 1,300 cases of splittings, are noted.

Dry and Chemical Colors

Carbon Black.—As expected, inventories of channel blacks have shown a further reduction within the past month, in consequence of the unabated heavy drain upon the rubber grades of these types as well as on the furnace grades by the manufacturers of synthetic rubber tires whose takings have not been curtailed in the aggregate, albeit somewhat circumscribed in some directions by the new restrictions. The paint industry likewise is buying moderately heavily of grades of channel blacks outside the proscribed rubber types. In consequence, the entire market for channel blacks is stiffening still further, with a strong probability of a spread of this tension to all other types of carbon blacks within the near future.

Chrome Colors.—The inadequacy of current production and supply of bichromates, and restrictions on the availability of zinc chromate yellow, still under allocation control, and also on both green and yellow chrome and orange molybdate colors for all except war production uses, continue to hold down operations in these pigments on civilian account to exceedingly meager proportions.

Driers and Flatteners

Naphthenates.—WPB has ruled that producers of coating compounds employing copper and zinc naphthenates must submit additional information in their applications for permission to use these naphthenates, because of the recently hugely expanded military requirements for these naphthenates for use in mildew-proofing of tentage and ropes. Hence, all producers of mildew-proofing compounds requiring zinc and copper naphthenates must now submit the following information with their applications on form WPB-2945: (1) the name and address of each customer requesting deliveries of mildew-proofing compositions; (2) the actual quantity of copper and (or) zinc naphthenates requested for each contract of each customer, including the contract number, and (3) a state-

For Current prices see alphabetical listing beginning on page 9.

Market Trends

Prices Advanced

Soybean protein, 1c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

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ment of government specifications applicable to each contract.

Tallates. — With applications for WPB authorization for the purchase of naphthenates still being denied by that bureau to virtually all save military purpose users, the paint trade is turning in constantly increasing numbers to tallates as the most generally satisfactory replacement materials in the drying agency field.

Lacquer Materials

Ethyl Acetate.—Although there has been some measure of relief afforded of late from the keen tension in the supply situation, previously reported, there is still little of this material available for any except war production users. Production for July, reported by the Chemicals Bureau of WPB and the Chemical Division of the U. S. Tariff Commission, has totaled 7,771,456 pounds and stocks on hand as of July 31 amounted to 6,135,466 pounds.

Methyl Acetate.—Moving increasingly into consuming channels in the paint trade, where, although somewhat speedier in its action than ethyl acetate, it is proving a generally satisfactory replacement for the latter.

Synthetic Resins

As a corollary to its recent action in lifting the price ceilings on gum rosin 24 cents per unit of 100 pounds, the Office of Price Administration has taken due recognition of the hugely increased costs thus imposed upon producers of synthetic resins containing more than 50 percent of gum rosin by granting them the right to apply for commensurately elevated maximum prices, in the event that they cannot maintain production at the present ceilings for their products.

Naval Stores

Having lifted prices for all thirteen grades of gum rosin at the close of the previous week to the new ceiling levels fixed by the Office of Price Administration — 24 cents per unit of 100 pounds above those previously prevailing—traders on the Savannah Cotton and Naval Stores Exchange have continued to buy and sell gum rosin at these maximum figures throughout the past week, with each day's offerings being absorbed in their entirety at these prices. Simultaneously, gum turpentine has continued to sell at the CCC parity of 78½ cents per gallon, with all offerings being taken up at that figure both on the exchange and in the outside primary markets of Georgia and Florida.

Locally there have been only moderate purchases for either domestic or export accounts.

Turpentine. — All official offerings have continued to elicit active competition at the 78½-cent level. Only comparatively small drafts have been made on government holdings, the total thus pulled out amounting to only 678 tons and coming from the Helena supplies. CCC stocks a fortnight ago totaled 177,986 units of 50 gallons each, of which 102,557 units were from the 1942 production and 75,429 from the 1943 output.

Savannah, Oct. 20.—Following is a record of the market for the week:—

	Bulk gallons		Barrels		
	Cents.	Sales.	Receipts.	Shipments.	On hand.
Monday ..	78½	1,600	41	112	27,663
Tuesday ..	78½	1,550	82	222	27,523
Wednesday.	78½	2,850	34	10	27,547
Thursday..	78½	700	79	...	27,676
Friday ...	78½	1,050	...	...	27,626

Rosin.—General satisfaction over the new ceiling prices established by OPA, at levels based on $5.82 for the K grade, has been reflected throughout the past week in the operations on the Savannah exchange at the new maximum figures, with the accumulations of gum rosin in the hands of producers being absorbed by the long-pent-up demand as quickly as they were offered.

Savannah, Oct. 20.—Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$5.05	$5.05	$5.05	$5.05	$5.05
D	5.12	5.12	5.12	5.12	5.12
E	5.65	5.65	5.65	5.65	5.65
F	5.75	5.75	5.75	5.75	5.75
G	5.79	5.79	5.79	5.79	5.79
H	5.81	5.81	5.81	5.81	5.81
I	5.81	5.81	5.81	5.81	5.81
K	5.85	5.85	5.85	5.85	5.85
M	5.87	5.87	5.87	5.87	5.87
N	6.03	6.03	6.03	6.03	6.03
WG	6.28	6.28	6.28	6.28	6.28
WW	6.55	6.55	6.55	6.55	6.55
X	6.55	6.55	6.55	6.55	6.55
	Drums				
Sales	484	811	341	615	610
Receipts ..	18	227	205	181	20
Shipments..	...	242	110	387	...
Stocks	17,856	17,841	17,935	17,730	17,750

Pine Tar.—The War Food Administration reports a special purchase of pine tar for lend-lease amounting to 23,800 gallons of medium grade material in drums.

Varnish Gums

Asphaltum.—Despite shortages in some lines of these gums, a fairly sizable movement continues to be noted in manjak, gilsonite and petroleum base materials, as the demand is still keen throughout the list.

PAW has announced revocation of its war directive 66, specifying the types of petroleum asphalt that may be manufactured, as the supply of this asphalt is now sufficient to meet all demands while transportation and storage facilities are also adequate.

Copal.—An undiminished demand is noted for Congo copal from American varnish makers and manufacturers of resin emulsion paints, with importers reporting that they could sell much more of this natural resin, if they could obtain it, themselves. While the importers are gratified by the government's assurances that they will soon be getting their quotas of the 3,000 tons allotted to them for the second half of this year, on which import licenses have been granted and cargo space guaranteed, they are not altogether pleased with the prospect concerning the probable availability of this gum in the Belgian Congo next year.

Shellac.—Although more liberal supplies of seedlac and the darker grades of orange flake, needed in increasing quantities for cutting with denatured alcohol for the production of the liquid forms of shellac, are being received from the 1944 Bysacki crop by the Defense Supplies Corporation and distributed to the American industry by that government agency, the processing operations of these private interests have not yet reached as large

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proportions as had been hoped for by this time. Notable restraints upon the operations of the bleachers and cutters have developed of late in the relatively high cost of chlorine and the fact that their quotas of denatured alcohol, though now fixed at 62½ percent, instead of 50 percent, as formerly, are still proving wholly inadequate for the production now required to meet the long-pent-up demands of 1944 consumers.

Glues and Binders

Casein.—Additional arrivals in the United States, aggregating 3,716 bagfuls, or approximately 245 tons, of Argentine casein, have been noted without affecting conditions in the local market to any appreciable extent.

Glues.—Consumers generally are gratified by the extension of the small order exemptions, granted by WPB for the fourth or current quarter of this year, and by the prospect for a continuance of this fairly liberal treatment in the first quarter of next year.

In gluestock, the important development of the past week has been OPA's action in removing limed calf trimmings and green limed calf as well as limed calf checkings, when not treated with arsenic, from its hide glue stock regulation. Announcement has also been made that a new list of dollars and cents price for wet gelatine raw stock is now being issued.

Soybean Protein.—In recognition of the recently increased cost of production, prices for alpha protein have been marked up by the manufacturers to the extent of one cent per pound for the period October 10, 1944, to September 30, 1945.

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Glidden Co. Advances Mutersbaugh, Schulte

Gordon H. Mutersbaugh, who started in the chemical laboratory in 1923, has just been made general superintendent of the paint and varnish division of the Glidden Company, Cleveland. Mr. Mutersbaugh relieves Gurdon H. Hamilton, who will now devote all his energies to his position as vice-president in charge of Glidden's Chicago paint divisions. Nelson W. Haviland, formerly production manager of Glidden's Cleveland plant, takes over the post of plant superintendent vacated by Mutersbaugh.

Edward C. Schulte, who joined the technical department in 1931, has been made technical director of the Glidden paint and varnish division. T. A. Neuhaus becomes director of the Cleveland laboratory.

Dolan & Co. Buys Properties For Expansion Purposes

V. J. Dolan & Co., industrial finishes, Chicago, Ill., has purchased two parcels of property adjoining its Chicago factory and has already converted one of these into yard and storage space, enclosing the additional ground with cyclone fencing and installing strips of concrete for drums, storage, and handling. The company has not as yet completed definite plans for future development, but it is probable that eventually additional buildings will be constructed on the newly-acquired property.

Hercules Offers Scoop For Handling Nitrocellulose

A nonsparking scoop for use in transferring nitrocellulose from barrels to mixers and other vessels is being made available to its customers by Hercules Powder Company, Wilmington. Made from hard fiber, the scoop is the latest of a series of tools supplied by Hercules, the use of which will minimize the possibility of sparks igniting nitrocellulose during unloading operations.

N.Y. Paint Club Christmas Party Dec. 7

The New York Paint, Varnish and Lacquer Association will hold its Christmas party in the Waldorf-Astoria hotel December 7. H. M. Johnson, of the Nuodex Company, Elizabeth, N. J., is chairman of the program committee of the association.

Standard Phosphate Starts New Oleum Unit

Standard Wholesale Phosphate & Acid Works, Baltimore, has placed into operation a unit for the production of oleum. The new unit has a daily production output of 300 tons.

Everett Gets PAW Post

Carleton J. Everett has been appointed director of refining in the Atlantic coastal States, according to the Petroleum Administration for War.

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Oils, Fats, and Waxes

Sales of Spanish edible olive oil were substantial, with contracts booked for practically all of the 3,000 tons recently negotiated for shipment to the United States from Spain by F. E. A. Export permits were granted for shipment by the Spanish government, which were expected to start the middle of November. Demand was active, and the greater portion of the oil was readily absorbed by oil packers at prices approximately close to ceilings. Oil in drums was also sold at slightly higher prices than six-gallon tins, in cases.

While inquiry for most oils and fats continued active during the week, trading was limited due to the lack of offerings. The market remained in a firm position with the bulk of available supplies being absorbed under WFA allocated quotas.

The War Food Administration has extended through March 31, 1945, the current suspension of inventory limitations on tallow and grease imposed by War Food Order No. 67. The suspension has been in effect since May 20, 1944.

Maximum dollar-and-cent processors' ceiling prices have been fixed for flaxseed screenings oil feed and linseed feed, the Office of Price Administration announced, effective October 19.

Market Trends

Prices Advanced

None

Prices Reduced

Oiticica oil, ¼c. per lb.
Sardine oil, crude, ¼c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
191.7	191.7	192.7	195.4

Vegetable Oils

Oiticica.—An easier tone was noted in this market during the week, in anticipation of a lower market for shipment from Brazil for early next year delivery. Sales on the spot were moderate at 20c. per pound in drums for good-sized lots, a decline of ¼c. per pound. Prices ranged from 20 to 20¼ cents per pound, drums, as to quantity.

Olive.—Trading in Spanish edible olive oil was active during the week. Contracts were placed mainly by packers of oil for practically the entire quantity of 3,000 tons recently negotiated by F. E. A. for shipment from Spain. Sales of oil of ½ of 1 percent acidity in 6-gallon tins, in cases were made at $132 per 100 kilos, and drums at $135 per 100 kilos, f.o.b. Spanish ports for prompt and forward shipment. Oil shipments will start about the middle of November, it was cabled from Spain late in the week. It was stated that oil in 6-gallon tins would approximately cost $5.40 per gallon, and in drums, $5.53 per gallon, landed here.

Atlanta, Oct. 16.—Excellent weather for harvesting crops has generally prevailed over the South for the month of October. As a result, stocks of oilseed have been materially increased. Scarcity of labor is hampering progress in the harvesting of cotton and production of cottonseed oil.

Flaxseed

Increased offerings of seed for spot readily taken by crushers. Current arrivals of Northern seed show improved quality above Southern.

Minneapolis, Oct. 18.— Movement of Northern flax has overtaken and passed the movement of Southern flax, so there has been considerable improvement in quality shown. Northern seed contains much less dockage than Southern.

Harvest operations through the Northwest are nearing completion as the weather mainly has been very favorable.

Crop movement in bushels follows:—

	Receipts 1944	Receipts 1943	Shipments 1944	Shipments 1943
This week..	885,000	898,500	154,500	43,500
Since Sept. 1...	6,892,000	12,213,500	829,000	897,500

The week's closing flaxseed price range was as follows:—

	Cash	Dec.
Saturday	$3.10	$3.10
Monday	3.10	3.10
Tuesday	3.10	3.10
Wednesday	3.10	3.10
Thursday	3.10	3.10
Friday	3.10	3.10

Buenos Aires, Oct. 20.—No flaxseed shipments were made during the week. Visible supply was estimated at 4,330,000 bushels. Flaxseed for export was quoted at $2.26½ per bushel, U. S. funds; Rosario, $2.17⅜ per bushel.

Hull, Oct. 20.—Bombay, October, £32, nominal; Calcutta (no quotations); La Plata, October, £30, nominal.

Linseed Meal

Demand continued active and still exceeded offerings. Crushers limited sales to sixty-day shipment.

Minneapolis, Oct. 18.—As cold weather approaches, the linseed meal situation gets tighter. Demand increases as compared with output, and crushers are learning to walk a tightrope all over again.

Shipments of linseed meal in pounds were as follows:—

	1944	1943
This week	10,140,000	11,640,000
Since Sept. 1	39,000,000	50,320,000

Linseed Oil

Buying interest for linseed oil for future requirements increased during the week, resulting in sales of moderate volume for January-March delivery at current prices. Some business also was booked for April-June delivery. The market continued firm owing to the marked shortage of seed and a reduced oil production for this year.

Sales of 500,000 bushels of Canadian flaxseed were reported at ceilings in effect in the United States for prompt shipment from Canadian terminals to American crushers. One of the largest Eastern linseed oil mills shut down during the week due to the lack of

Cottonseed Crushings Report: September

Cottonseed received at mills, crushed and held, and cottonseed products manufactured, shipped out and held from August 1, 1944, through September 30, as compared with the preceding period, according to the Census Bureau, were as follows:—

Cottonseed

	Tons 1944	Tons 1943
Receipts[1]	1,070,876	1,555,391
Crushed	453,958	637,572
On hand Sept. 30...	735,174	1,008,155

Crude Oil

	Pounds 1944	Pounds 1943
Produced	135,164,000	192,670,000
Shipped	106,010,000	145,844,000
On hand Sept. 30...	[1]64,957,000	81,157,000

Refined Oil

	Pounds 1944	Pounds 1943
Produced	[2]89,071,000	118,807,000
Shipped	.....	.....
On hand Sept. 30...	[2]164,802,000	127,154,000

Cake and Meal

	Tons 1944	Tons 1943
Produced	202,348	287,449
Shipped	169,875	237,120
On hand Sept. 30...	60,523	48,871

Hulls

	Tons 1944	Tons 1943
Produced	109,156	154,631
Shipped	89,475	132,696
On hand Sept. 30...	34,474	39,899

Linters

	Bales 1944	Bales 1943
Produced	[4]129,654	190,046
Shipped	115,637	147,510
On hand Sept. 30...	[4]75,937	178,463

[1] Includes 18,480,000 and 15,370,000 pounds held by refining and manufacturing establishments and 2,643,000 and 11,797,000 pounds in transit to refiners and consumers August 1, 1944, and September 30, 1944, respectively.

[2] Includes 1,937,000 and 342,000 pounds held by refiners, brokers, agents, anw warehousemen at places other than refineries and manufacturing establishments, and 2,073,000 and 3,764,000 pounds in transit to manufacturers of shortening, soap, etc., August 1, 1944, and September 30, 1944, respectively. Does not include winterized oil.

[3] Produced from 96,000,000 pounds of crude oil.

[4] Total linters produced includes 25,579 bales first cut, 95,025 bales second cut, and 9,050 bales mill run. Total on hand includes 24,976 bales first cut, 44,976 bales second cut, and 5,985 bales mill run.

For Current prices see alphabetical listing beginning on page 9.

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seed, and other crushers were expected to do likewise during the next few weeks.

Prices were firm. Raw oil was held at 14.7c. per pound, tankcars and tankwagons.

Another crusher has reverted to making sales of oil on a non-returnable drum basis and quoted raw oil in car lots at 15½c. per pound, drums. Other crushers were expected to follow suit shortly.

Minneapolis, Oct. 18.—The linseed oil market is finally showing signs of life, and sales through the week were the best in quite a period. While most of the business was written for shipment this year, some was for shipment early next year.

Shipments of linseed oil in pounds were as follows:—

	1944	1943
This week	7,560,000	7,890,000
Since Sept. 1	32,280,000	30,920,000

Cottonseed Oil

There was more activity in the futures market during the week than for some time past. Trading was centered in March and September positions. Shorts covered in March and switched to September at a differential of 90 points.

An active demand continued for crude oil but was unsatisfied. Trading was restricted to scattered tankcars due to lack of offerings. Manpower shortage continued to retard production of cottonseed products.

Bleachable oil prices follow:—

	Cents per pound in tanks— High.	Low.	Close.
December	....	....	14.31 nom.
March	14.10	13.95	14.00-14.15
May	....	....	13.80-14.00
July	....	....	13.60-14.00
September	13.20	13.15	13.10-13.20
October	....	....	12.90-13.15

Total sales, 17 contracts.
Cash, 14.31c. nom.
Crude, Southeast, 12¾c.; Valley, 12¾c.; Texas, 12c. (all ceiling prices).

Memphis, Oct. 19.—Crude oil was scarce with sales limited to occasional tankcars. Demand for oil and meal active. Production of meal moving into Southern consuming channels. Weather fair. Cotton picking delayed due to the labor shortage.

Grease and Tallow

Grease.—Scarcity of supplies continued to limit trading in the higher grades. Demand was active and exceeded offerings, which were promptly taken at ceilings. Brown grades continued in slow demand.

Tallow.—The reduced production of tallow combined with an excellent demand continued to feature this market. Business was light due to the scarcity of supplies. Deliveries were reported behind schedules.

Fish Oils

Sales of crude sardine were reported at 8c. per pound, in bulk, f.o.b. Pacific coast, a decline of ¼c. per pound. Good fishing also was reported off the southern California coast, resulting in increased offerings of oil at lower prices. Interest in refined grades slackened. Quotations were unchanged.

Baltimore, October 17.—Some menhaden fishing vessels are reported as continuing operations, but others have withdrawn and the season appears to be virtually ended. Off the North Carolina coast, fishing is expected to begin on November 1. The late catches have added little to the stocks of oil on hand, and the demand fails to show any improvement. Crude oil ceiling remains at 8.9 cents per pound, but buyers at that price are scarce.

Los Angeles, Oct. 18.—Unusually good fishing was reported off the coast of southern California. Because the canneries are undermanned, no boat, no matter what its capacity, can bring back more than 50 tons of sardines. Canneries say they cannot get tankcars to ship the fish oil. The California Sardine Products Institute reports 153,994 tons this year to October 7, as against 203,072 tons for the same period last year.

Waxes

Despite the fact that No. 1 and 2 yellow grades of carnauba wax were practically unobtainable for shipment due to the limited crop in Brazil, consumers continued to manifest an active inquiry for these grades. Demand was active and unsatisfied. Offerings were limited and shipments were confined to January-March from Brazil. Other grades were available for December-January shipment but were not commanding as much interest as No. 1 and 2.

Trading in ouricury wax was of good volume for November-December shipment from primary markets. Extensions for September-October shipments have been requested. Supplies on the spot were not liberal and firmly held.

Reduced stocks of candelilla wax on the spot have strengthened the tone of the market and prices were well held at former levels.

Mrs. James T. Pardee Left $1,000,000 for Cancer Study

Mrs. James T. Pardee, Midland, Mich., who died several weeks ago, bequeathed securities to the value of approximately $1,000,000 to create a fund for study of the cause, control, and cure of cancer. Mrs. Pardee was the widow of Dr. James T. Pardee, one of the founders of the Dow Chemical Company and long a member of its executive personnel.

Margarin Production Lower in July

Production of margarin during July amounted to 34,720,348 pounds. This compared with 40,189,024 pounds in June and 45,140,909 pounds in July last year, according to statistics compiled by the Bureau of Internal Revenue, Washington. A comparison of production in July with the same month last year follows:—

	Pounds— 1944	1943
Production of uncolored oleomargarin	[1]26,858,608	[2]28,978,486
Withdrawn tax-paid	27,121,004	30,163,566

Used in Uncolored Margarin

Butter culture	.....	70
Butter flavor	1,027	2,357
Citric acid	2	1
Corn oil	484,995	182,352
Cottonseed oil	10,379,678	14,881,163
Cottonseed stearin	.....	5,340
Derivative of glycerin	39,399	54,894
Diacetyl	69	52
Estearin	5,140	.....
Lecithin	29,829	28,575
Linseed oil	.....	49,895
Milk	4,815,158	5,089,048
Monostearin	28,441	23,207
Neutral lard	475,927	536,303
Oleo oil	497,716	740,197
Oleo stearin	248,446	249,670
Oleo stock	61,942	89,302
Peanut oil	1,332,423	200,530
Salt	736,891	932,867
Soda, benzoate of	20,049	18,058
Soybean oil	8,164,382	6,617,167
Soy flakes	26,300	2,800
Tallow	.....	21,516
Vitamin concentrate	4,911	5,666
Total	27,372,785	29,731,630
Production of colored oleomargarin	[3]7,861,740	14,977,343
Withdrawn tax-paid	1,000,238	918,400

Used in Colored Margarin

Butter flavor	58	636
Citric acid	.....	133
Color	4,887	8,019
Corn oil	1,235	8,226
Cottonseed oil	330,834	169,637
Derivative of glycerin	6,197	23,776
Diacetyl	62	67
Estearin	345	.....
Lecithin	3,173	5,140
Linseed oil	188,968	519,100
Milk	1,301,468	2,263,391
Monostearin	5,338	5,261
Neutral lard	155,120	216,382
Lard flakes	8	.....
Oleo oil	254,188	469,491
Oleo stearin	.....	2,140
Oleo stock	68,089	204,171
Peanut oil	8,508	476
Salt	235,538	498,131
Soda, benzoate of	4,952	9,531
Soybean oil	5,397,083	10,178,732
Soybean stearin	.....	2,888
Soy flakes	9,200	.....
Vitamin concentrate	1,187	2,890
Total	7,976,438	14,588,227

[1] Of the amount produced, 65,194 pounds were reworked.
[2] Of the amount produced, 34,599 pounds were reworked.
[3] Of the amount produced, 768 pounds were reworked.

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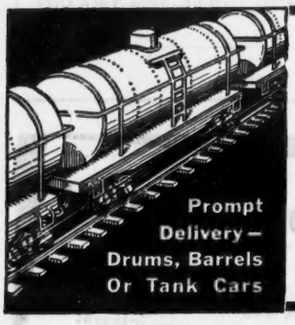
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Textile and Leather Chemicals

Under a steady consuming demand for leather and textile chemicals, the market continued firm during the week.

The movement of sizing materials into consumption continued in heavy volume and demand exceeded supplies of most domestic materials.

Primary market sellers of tapioca flour last week, quoted prices for shipment at a level well above the maximum prices established by OPA for importers of tapioca flour, October 13. Trading in tapioca flour, as a consequence was at a standstill, awaiting further developments.

An active inquiry was noted for foreign tanning materials, but business was restricted owing to the scarcity of available supplies for shipment and the difficulty to obtain shipping space. Receipts of these materials from abroad were quite heavy during the past two weeks, but the bulk of these arrivals were booked for April-May delivery.

Average weekly consumption of apparel class raw wool in August, 1944, amounted to 10,579,000 pounds (scoured basis), compared with 9,688,000 pounds in July and 11,554,000 pounds in August, 1943, according to the Bureau of the Census.

The War Production Board announced October 16 that restrictions are being retained against the manufacture of vests for double-breasted suits and the extra pair of trousers for any suit cut from the same or matching material. There has been some public belief recently that these restrictions were being lifted, WPB said.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
276.4	276.4	267.9	268.5

Chemicals

Alumina, Chloride. — Trading was light and confined to small quantities for immediate requirements. Market was steady at former levels.

Bichromates. — Conditions in this market continued firm with the production readily absorbed for military requirements. Stocks on hand were limited. Prices were well held at ceilings.

The McCormick chromite deposit, Tuolumne County, Calif., a producer of metallurgical-grade lump chromite ore, has been studied by the Geological Survey of the Department of the Interior, as a part of the war minerals program. The release of geologic maps and sections, with descriptive text of the deposit has been announced and copies of maps and text may be obtained upon application to the director, Geological Survey, 25, Washington, D. C.

Soda, Hydrosulphite. — Demand was moderate and for actual needs. Prices were unchanged and steady. Producers were having difficulty in making deliveries due to the scarcity of containers.

Dyestuffs

Annatto.—Demand was light. Stocks on the spot were limited and well held at former levels.

Fustic. — Routine trading continued during the week. Prices were without change and steady.

Logwood.—This market was quiet, with business restricted to small lots. Quotations were unchanged.

Sizing Materials

Albumen, Blood. — Buying interest was fair. Consumers continued to absorb moderate quantities for prompt needs. Stocks were said to be in better supply and adequate to meet demand. Prices were steady. Soluble blood, dried, was quiet and unchanged.

Albumen, Egg.—While sales were made below ceilings, the market developed a steadier tone, due to reduced offerings at the lower levels. Trading was moderate. Leading makers continued to refuse to accept business below ceilings. Interest in frozen whites was spotty with the market fairly steady.

Corn Sugar. — Firm conditions prevailed in this market. Lack of labor has affected production and delayed deliveries from eight to ten weeks. Demand continued active, with offerings light and insufficient to cover consumers' requirements. Prices were firm.

Dextrin, Corn.—Business was restricted, due to lack of available supplies. The output was sold up with no improvement noted in the tight delivery situation.

Egg, Yolk.—Inquiry was active with sales of good-sized quantities reported at prices below ceilings. Offerings below ceilings were not as liberal as a week ago, which gave the market a steadier tone.

Starch, Corn.—Under a steady consuming demand, this market continued firm. New business was active, and the call for deliveries against contracts continued in good volume. Prices were strong for all grades.

The corn grind for domestic use of eleven refiners of starches, syrups, sugars, and other derivatives for the month of September totaled 8,797,160 bushels as compared with 10,281,142 bushels during the same month last year.

Visible corn stocks declined 1,264,000 bushels during the week ended October 14 to 6,785,000 bushels, comparing with 6,852,000 bushels for the same period last year.

War Food Administration purchased 3,500,000 pounds of types A and B at 3.73 cents to 4 cents per pound, in bags, f.o.b. works, on September 25 and 26.

Starch, Potato.—The light production thus far this season is keeping the supply situation tight. Trading was moderate and spasmodic, with stocks adequate to cover the current demand for immediate delivery. Prices were firm. Inquiry for nearby and forward needs was active, with offerings scarce.

Tapioca Flour.—Importers continued to manifest an active inquiry for shipments from abroad. Foreign sellers, however, refused to offer at prices established by the OPA October 13 for purchases of San Domingo and Brazilian tapioca flour, and were naming higher quotations than the OPA ceilings. The supply situation here continued tight. Resale material was scarce. Recent heavy arrivals helped to replenish consumers stocks.

OPA announced the maximum prices, effective October 13, importers may pay to foreign sellers or their agents are as follows (f.o.b. ocean port of origin):—

	Cents per lb.
Tapioca flour produced in Santo Domingo	6.20
Tapioca flour produced in Brazil:—	
Grade A	5.00
Grade B	4.50
Grade C	3.75

Importers will apply the mark-ups already provided by the Maximum Import Price Regulation for sales of the products in this country.

Tanning Materials

Divi-Divi.—Conditions in this market continued firm, reflecting the strength at primary markets. Offerings for shipment were limited and well held at former levels.

Mangrove Bark.—Demand for shipment was active, but actual trading was limited, due to the scarcity of offerings. Lack of shipping space delayed shipment of material purchased months ago.

Myrobalans. — Demand for shipment spotty. Offerings fairly liberal at former levels.

Quebracho.—Conditions remain firm. Trading was quiet. Recent receipts were quite heavy for consumers' account. Prices were unchanged and steady.

Wattle Bark.—Buying interest in extract continued active. Offerings for shipment were scarce, restricting sales. Bark was in moderate request, with business spasmodic. Prices were strong. Recent receipts of wattle bark were reported at 23,731 bales, and extract, 19,000 bags, both consigned to consumers.

For Current prices see alphabetical listing beginning on page 9.

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Drugs and Fine Chemicals

Civilian demand last week included a gain in the calls for drugs and fine chemicals of special interest during the Winter months. Penicillin manufacturers reduced quotations to govern business with both hospitals and the United States government or its agencies. Racemic menthol, a synthetic menthol, has been recognized by the U.S.P. revision committee and accepted as the equivalent of the official laevo menthol obtained exclusively from natural sources. Quicksilver stocks were virtually exhausted on spot and prices were higher here and on the Pacific Coast. The November spray process milk powder setaside of production was established at 40 percent of output.

The shortage of quicksilver has brought a strictly nominal spot market. Little, also, is available at the mines at any point in the country. An unexpected demand arising from government agencies has wiped up most of the recent reserves held at the mines or by distributors. This was in sharp contrast with the situation early this year when the government cancelled orders widely and prices fell precipitously. However, local sellers admit that there can be a quick reversal of the present position of rising prices and stock scarcities.

Lower quotations on penicillin were a reflection of the constant increase in production in this country. Further downward revisions would not surprise, especially if and when a larger portion of total production is offered to hospitals by all producers. Some now restrict sales to the government.

Codliver oil prospects gained in favorable aspect when reports stated that Russian armies were at the Finnish-Norwegian border. Early liberation of Norway would mean a change in the overall supply position of new crop oil. Vitamin A fishliver oils of low potency were reported in ample supply for the food industry and the WFO control No. 99 was revoked by WFA.

Argols.—An arrival of a fair sized lot from Italy was reported. More will be coming.

Butyl Acetate.—Tightness in the matter of supply continued; all production of the normal article goes to the war program and other needs go abegging. Increase in supply which would permit a return to a more general allocation of output must await a decrease in government needs.

Castor Oil.—For the first time in many weeks no additions to available stocks of castor beans were reported. The last total of arrivals since January 1 last was 223,613,390 pounds. For the corresponding period a year ago, the total was 211,328,550 pounds.

Chicago, Oct. 18.—Castor oil prices are:—Cold pressed, U.S.P., returnable drums, car lots, 14½c. per pound; drums, less than car lots, 15¼c.; tanks, 13¾c.; No. 3, cold pressed, 14¾c., returnable drums, car lots; drums, less than car lots, 15c.; tanks, 13½c.

Codliver Oil.—The market remains in statu quo. Fair supplies exist to meet the enlarged requirements of the Winter months but there is no surplus of stocks. Naturally, much of the attention of importers is centered on the future of European production. It seems not unlikely that Norwegian liberation may have been achieved by the time fishing starts after the first of the year; Russian armies already are knocking on the Finnish-Norwegian border. However, some feel that world requirements are certain to run to high totals, a fact that may operate in the direction of higher rather than lower prices. Liberation of Italy, France, and Greece would point in that direction.

Dichloroethyl Ether.—WPB on October 13 revoked its M-226 order, which governed allocation. Production now exceeds all requirements, says WPB.

Fishliver Oils.—Further purchases by the War Food Administration were reported. A total of 999,943 million units of vitamin A oil has been bought at prices ranging 16c. to 30c. per million units which covers varying potencies in the oil purchased. The general market position remains strong in price—at ceilings—and far from easy in the matter of supplies.

War Food Order No. 99, controlling the use of vitamin A in mixed feed for poultry and livestock has been terminated as of October 14. This was the fifty-eighth termination of WFO orders. There is now an adequate supply of low potency vitamin A fishliver oils to meet normal requirements of the feed industry.

San Francisco, Oct. 18.—The trade remained quiet during the past week with the market firm. Production of shark liver oil has decreased notably due to poor landings reported in Seattle. All oil is at ceiling prices and market is generally without new features.

Glycerin.—The market changed little from its recent position of excellent stocks and reasonable prices. There is more and more reason to believe that large quantities will be in demand during the postwar period and a marked rise in export trade to the world is forecast by some sellers.

Chicago, Oct. 18.—Glycerin prices are:—Chemically pure, tanks, 15c. per pound; drums, car lots, 15½c.; drums, less than car lots, 15¾c. high gravity, tanks, 14¼c. per pound; drums, car lots, 14½c.; drums, less than car lots, 15c.

Menthol.—Racemic menthol, a synthetic form of menthol, has been recognized for U.S.P. recognition. It is accepted as the equivalent of the official laevo menthol obtained from natural sources, according to the U.S.P. revision committee. The leading producer of racemic menthol stated last week that production is totally engaged and nothing is now available for open market transactions. The price ranged $8.60 to $9.15 per pound, according to quantity. The packing is in one pound to 60-pound cases. Natural menthol occupied an unchanged position during the past week, demand being moderate and prices being not overly steady in some sales quarters.

Mercurials.—Although there is at present a temporary shortage of quicksilver, derived products remain unchanged.

Milk Powder.—Manufacturers of milk powder will be required by WFA to set aside for government purchase only 40 percent of spray process production during November, compared with a 50 percent quota for October, under amendment No. 5 to WFA order 54.4. There has been no set aside quota for roller process powder since last September 1. Present indications are that large quantities of spray and roller process powder will be required for relief feeding in liberated areas. Production of powder is larger than a year ago.

Penicillin.—Production totals continue to increase steadily, making more material available for both government and other purchases. Prices have been reduced to $2.40 to $2.60 per 100,000 units to hospitals and to $1.50 per 100,000 units on transactions with the government.

Quicksilver.—The spot market has risen to $112 per flask done. Reports locally say there is no metal available. The shortage in spot and Pacific coast stocks was reported caused by a large government contract requiring quicksilver in quantities that caught sellers short of stocks. This was exactly the reverse of what happened when the government suddenly cancelled purchases early in the year and caught sellers with substantial supplies. However, sellers here warned that the present strong situation may be misleading; it can change overnight. Bureau of Mines quicksilver data for the

Market Trends

Prices Advanced

Quicksilver, spot, $7 per flask Pacific coast, $2 per flask

Prices Reduced

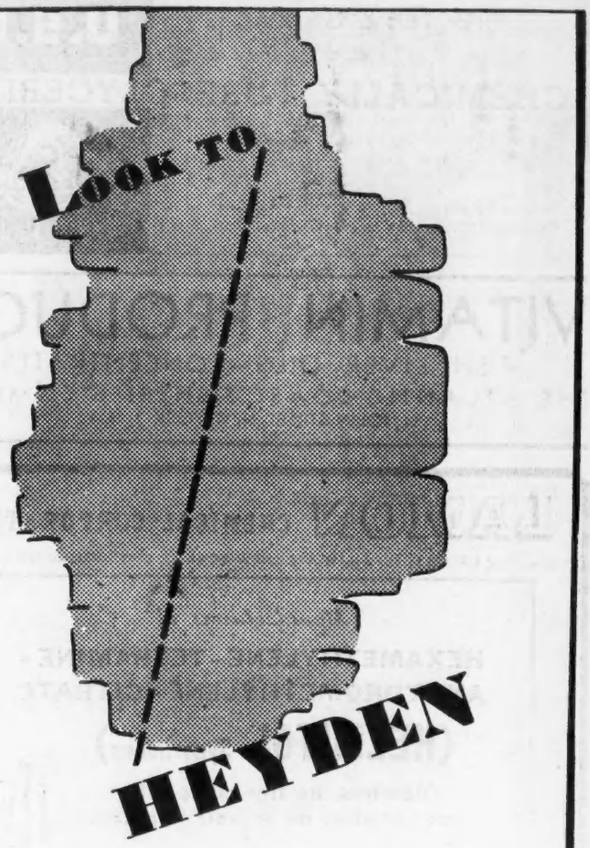
Penicillin, for hospitals, 80c. per 100,000 units for government purchases, 40c per 100,000 units

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
235.7	235.4	239.4	241.0

For Current prices see alphabetical listing beginning on page 9.



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first eight months of this year follows:—

Quicksilver Data: Aug.

	Flasks			
			Stocks*	
	Output	Use	Makers	Others
Jan.	4,400	3,400	5,548	11,300
Feb.	3,800	3,700	5,450	9,400
March ...	3,800	3,600	5,011	9,900
April ...	3,700	3,200	5,604	9,700
May	3,400	3,100	6,171	8,900
June	3,000	3,400	5,757	9,000
July	2,700	3,000	4,025	9,200
Aug.	2,500	3,900	4,025	9,100

* Aug. 31, 1944.

San Francisco, Oct. 18.—The quicksilver market was a bit stronger here this week, with offerings going at $102 to $105 per flask. However, little spot metal is available, due to reduced production.

Tr methyloipropane.—Limited quantities of this comparatively new product of interest to the resin, paint and varnish trades, are available at 65c. per pound in barrels.

Chemical Allocations

—Continued from page 37

eased to the point where it has been possible to allow some for use by the dry cleaning industry. It is expected that this can be continued over the balance of the year.

Peroxygen Chemicals.—Hydrogen Peroxide: Civilian uses allowed 50 percent of 1943 average monthly consumption. Sodium Peroxide: Civilian uses allowed 33⅓ percent of 1943 average monthly use. Sodium Perborate: Civilian uses other than pharmaceutical use allowed 25 percent of 1943 average monthly use; pharmaceutical use allowed 33⅓ of 1943 average monthly use.

Phenol.—Allowed for oil additives; oil refining; triphenyl phosphate, (subject to M-183); other pasticizers; plastics, (subject to M-246); salicylates; other medicinals, 147,000 pounds; chlorinated phenols, 76 percent; disinfectants and insecticides, 146,000 pounds; dyes and inks, 172,000 pounds; chemical manufacturing, 628,000 pounds; p-t-butyl-phenol; and p-t-amyl-phenol.

Phenolic Resin.—Molding Compound:—allowed new molding powder to the following end uses:—industrial wiring devices, safety equipment, motor construction and other industrial equipment, 1,119,000 pounds; medical and health supplies, agricultural supplies, civilian wiring devices, replacement parts for domestic appliances, automotive ignition, printing plates, office machinery replacement parts, 1,900,000 pounds; civilian buttons, 70,000 pounds; textile and rayon equipment, 80,000 pounds; closures, 921,000 pounds.

Denied for lipstick holders, beer dispensers, trays, boxes for jewelry and poker chips, handles for shoe trees, handles for kitchenware, cigarette cases, ash trays, developing tanks, and food dispensers.

2. Laminating:—the following civilian uses were granted in full for the month of October:—instructive panels, industrial electrical insulation, mechanical and structural uses, safety helmets (protective hats), industrial maintenance repair and operating supplies for industrial plants, mines, railroads, utilities, etc.; fluorescent lamp bases. All quarterly requests were cut to a monthly basis because of a temporary raw material shortage. Protective Coatings:—Allowed essential civilian end uses for the month of October were as follows:—transportation, 163,211 pounds; electrical and communication equipment, 31,018 pounds; industrial machinery, equipment and tools, 260,503 pounds; textiles and leather, 45,987 pounds; health, safety and scientific equipment, 4,481 pounds; photographic material and equipment, 848 pounds; printing inks, printing and accessories, 108,558 pounds; office supplies and equipment, 2,450 pounds; laundry, kitchen and refrigeration equipment, 6,901 pounds; building materials and buildings, 10,658 pounds; containers, packages and accessories, 46,256 pounds; unclassifiable - miscellaneous, 14,748 pounds. Specialties and Adhesives:—Allocated to the following end uses for the month of October:—abrasives, 891,051 pounds; adhesives, 429,241 pounds; bonded asbestos, 771,645 pounds; electrical, 35,832 pounds; paper, leather and cloth coating, 260,448 pounds; general heat insulation, 121,700 pounds; jigs, dies and fixtures, 103,880 pounds; ion exchange resins, 2,570 pounds; toilet seats, 40,000 pounds. The following civilian end uses were cut 25 percent, farm machinery, mirrors, and furniture. Because of raw material limitations, quarterly applications were reduced to a monthly basis and only end uses of the highest essentiality were allowed. Applications should be made on a monthly basis for the balance of this quarter.

Phosphate Plasticizers.—Tricresyl phosphate: a few drums were allowed for some important industrial uses, such as cable and lubricant. All other civilian requests were denied. Triphenyl phosphate: all civilian requests were denied. Diphenyl mono (ortho xenyl) Phosphate: there was only one civilian request. This was for the manufacture of adhesives for surgical tape. This request was less than a drum and therefore it was allowed. Di (ortho xenyl) mono phenyl Phosphate: a small amount was allowed for the manufacture of adhesives for surgical tape. There were no other civilian requests.

Phosphorus.—Requests for phosphorus during the month of October were granted in full for mining flotation, boaring metals, and sulfa drugs. Requests for phosphorus for use in acid leavening in the form of sodium acid pyrophosphate were allocated 90 percent of the average monthly con-

Kopecky Joins Heyden Corp. As Patent Attorney

Ferdinand F. E. Kopecky has joined the Heyden Chemical Corporation, New York, as patent attorney. Mr. Kopecky is a graduate of Rutgers University and has done post-graduate work in chemistry at both Rutgers and Harvard.

F. E. Kopecky

He started his professional career as a research chemist with the Bakelite Corporation and has been connected with Ellis Laboratories and the Monsanto Chemical Company in chemical capacities. Most recently he has acted as patent attorney for Monsanto and Phillips Petroleum Company.

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sumption during the year 1942. In the form of mono calcium phosphate, they were restricted to 80 percent of the average monthly consumption during the same period.

Requests for use in beverages were limited to 75 percent of the average monthly consumption during the year 1941.

Requests for yeast were cut 33 percent, sugar, 50 percent, other foods, 50 percent, rust proofing, 20 percent; matches and fire retardants, 25 percent; dentifrices, 30 percent; pharmaceuticals, 33 percent; soaps and detergents, 50 percent; and miscellaneous uses, 60 percent.

Phthalic Alkyd Resins (X Grade Resins and Castor and Oiticica Oil Resins).—All alkyd resins regardless of oil type have been allocated under one policy. Because of the critical shortage of phthalic anhydride, we have allocated only 550,000 pounds of alkyd resins for essential civilian uses limited to a maximum of 20 percent phthalic anhydride on basis of vehicle solids except for can linings and electrical insulation. The uses are as follows:—1. Transportation — buses, streetcars, subway cars (including parts), new, exterior; ambulances, including parts; trucks, new, including parts. 2. Electrical and Communication Equipment—electrical insulation only. 3. Industrial Machinery, Equipment and Tools—industrial trucks and tractors (including trailers for tractors), new; agricultural equipment (including farm tractors), motorized, new; agricultural equipment, horse drawn, new (mechanized). 4. Laundry, Kitchen and Refrigeration Equipment—refrigerators and coolers, new. 5. Containers, Packages and Accessories—closures for glass containers (foods, medicines, chemicals only); metal containers (foods, medicines, chemicals only), interior only.

Phthalic Anhydride.—Requests for civilian uses were allowed as follows: alkyd resins, 66 percent; miscellaneous resins, 77 percent; esters, 97 percent; dyos, 90 percent; chemical intermediates, 62 percent; foods and drugs, 100 percent; oil demulsifying agents, 100 percent; rubber, 66 percent. A reserve is being held for interim allocations of alkyd resins for military purposes only.

Phthalate Plasticizers.—All civilian requests were denied on the following plasticizers; dimethyl phthalate, dicapryl phthalate; di-2-ethyl hexyl phthalate; dicyclohexyl phthalate; methyl phthalyl ethyl glycollate; ethyl phthalyl ethyl glycollate; dibutoxy ethyl phthalate; diethyl phthalate; hydrogenated castor oil phthalate; dimethylcyclohexyl phthalate. Castor Oil Phthalate: There were no civilian requests. Dimethoxy ethyl phthalate—Butyl phthalyl butyl glycollate-Dibutyl phthalate: All civilian requests were denied with the exception that temporary relief was granted to industry for the manufacture of cellophane, surgical tape and food closures. However, the amount granted was comparatively small.

Phthalic Alkyd Resins.—Data not available at this time.

Pine Oil.—The pine oil situation remains substantially the same as it was for September, when the civilian allotment was increased to 33⅓ percent of the 1943 average monthly consumption.

Pine Tar.—Allocated in full to belt dressings, coatings, cutting oils, lubricants, preservatives, rubber compounding, rubber reclaiming, ship construction and maintenance, and miscellaneous.

Polystyrene.— Specialties:— Allocated for the following non-military end uses during the month of October:—chemical-resistant coatings, 5,000 pounds; shoe adhesives, 4,400 pounds.

Molding Powder:—Allocations covering civilian items for the month of October were made as follows:—electrical and communication equipment, 6,000 pounds; industrial equipment, 19,000 pounds; plumbing supplies, 31,000 pounds; health and sanitation, 2,000 pounds; hardware, etc., 1,000 pounds; slide fasteners, 3,000 pounds; and acid closures, 7,000 pounds. First-grade molding powder was denied to the end uses of secondary essentiality, but small quantities of off-grade molding powder were available and allowed to the following end uses:—buttons and buckles, combs, brush handles, cosmetic packaging, other packaging, household and kitchenware, and jewelry, etc.

Polydichlorostyrene. — Allowed for experimental purposes only.

Pyrethrum.—Requests for agriculture were granted and distributed in conformity with end use restrictions of Food Production Order No. 11 on the basis of past consumption of pyrethrum during 1941 and 1942.

Pyrethrum for civilian use was allocated on the basis of 10 percent of consumption during 1940 and 1941, consistent with permitted end use.

Pyridin.—Allowed for sulfa drugs, other medicinals, water repellents, vitamins, 65 percent, stabilizers, dyestuffs, reagents, and rubber chemicals.

Rotenone.—Distributed in conjunction with War Food Administration, on basis of existing inventories and insect infestation for agricultural use.

Sodium Metasilicate. — This order has been revoked.

Sodium Phosphates.—Reported last month for the period September-October.

Sulphuric Acid.—Allocations of sulphuric acid for delivery in the eleven Pacific Coast and Rocky Mountain States were allocated in entirety for the month of October.

Control of production and distribution of sulphuric acid is exercised in the following states: — Washington, Oregon, California, Arizona, New Mexico, Nevada, Utah, Colorado, Wyoming, Idaho, and Montana.

Synthetic Organic Detergents.—All civilian requests were allowed as follows:—Civilian soaps and cleaners (60 percent); emulsions (10 percent); chemicals manufacture (10 percent). The following requests were allowed in full:—Metal cleaners; dairy cleaners; textile detergents; pulp, paper

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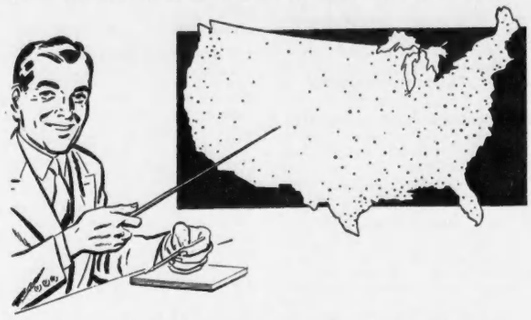

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CHEMICALLY PURE or U. S. P. . . . A high grade, water-white glycerine meeting the requirements of the United States Pharmacopoeia. Suitable for use in foods, pharmaceuticals, cosmetics or for any purpose demanding highest quality. Specific gravity is 1.249– 25°C./25°C.

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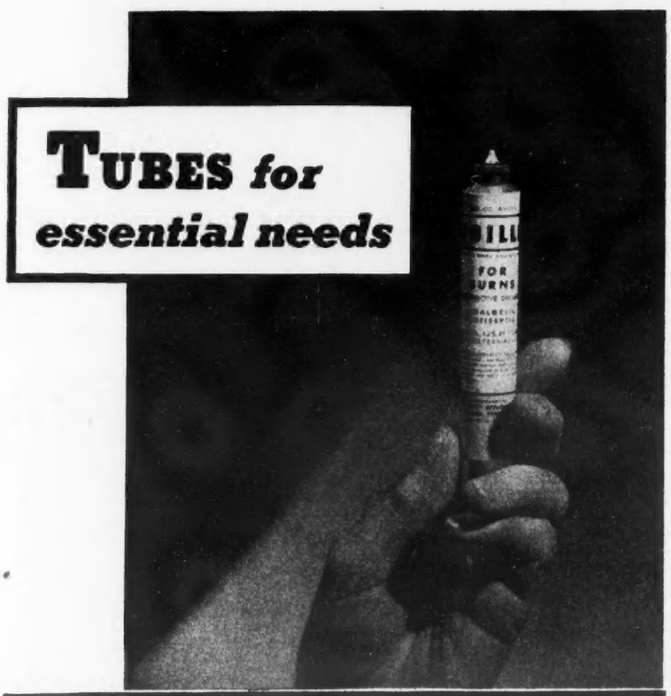

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and cellophane; leather, plastics and rubber; germicides, bactericides and pharmaceuticals; experimental.

Theobromine.—All requests granted in full. Used for medicinal purposes only.

Thiamine Hydrochloride.—All requests were granted 100 percent.

Trichlorethylene.— All essential civilian demands have been taken care of for the month of October. Production difficulties have decreased stocks and the commodity is again tight. Approximately 97 percent has been allocated for metal degreasing in plants holding contracts for war production. It has not been possible to allocate any to the dry cleaning industry in October.

Urea and Melamine Aldehyde Resins.—Protective coatings:—Because of the short supply of formaldehyde, allocations have been reduced to keep within the available supply; those containing alkyd resins were limited to specified uses. Molding compound:—Allocations were reduced from 25 percent to 50 percent on the following civilian items:—ignition and insulation, buttons; drug, pharmaceutical, cosmetic and other closures; cosmetic and other containers; hardware and domestic appliances; wiring devices; lighting reflectors; tableware; kitchenware, thermos caps; and office equipment. Specialties:—All civilian uses were cut 25 percent including civilian furniture and textiles.

Vinyl Polymers.—Polyvinyl alcohol:—16,920 pounds of polyvinyl alcohol was granted for several essential civilian applications where it has been proved that no substitutes were available. All other civilian requests were denied. Polyvinyl Acetate:—All applications granted 100 percent for bandages, containers—food and drug wrap, dairy filters, protective and industrial clothing, shoes and leather goods, optical goods, photographic supplies, padding and tabbing cements, electrical equipment and insulation, miscellaneous adhesives and experimental. Vinyl resins containing over 92 percent vinyl chloride: none allowed for civilian use. Vinyl resins containing less than 92 percent vinyl chloride:—Allocations granted 25 percent for hospital sheeting, crib sheeting, baby pants, coated fabric for baby pants and miscellaneous civilian proof. Allocations granted 100 percent for industrial protective coating, cap liners and milk bottle hoods, pressure sensitive tape, molded parts except where compounding in producer's plant is involved, public transportation and other upholstery, industrial tubing, recordings and dental plates. No rigid sheeting for industrial or civilian purposes was allowed this month. Vinylidine Chloride:—Allocations granted 100 percent for molded parts, tubing, rodding, sheeting—where there is severe chemical corrosion.

Vitamin A.—Civilian requests were granted, 57.2 percent for medicinals (4,118.6 Billion USP-XII Units); 94.4 percent for food fortification (799.9 Billion USP-XII Units); 74.0 percent for feeding oils (1,969.9 Billion Units USP-XII).

Vulcanized Fibre Tubing.—For the fourth quarter material was allowed for the following essential civilian applications:—fuses (secondary); fuses (high voltage); plugshells; telephone fuses; transformer insulation; lightning arresters; railroad insulation; miscellaneous civilian insulation (motor insulation, etc.); miscellaneous civilian mechanical uses (primarily for textile mills and operation of oil wells); electrode holder handles; safety and welding equipment; condenser packing.

Chemical Allocations

—Continued from page 4

tion with Textile Clothing and Leather Bureau. The average was about 80 percent, and the supply was, therefore, insufficient for all permissible soakings. Pigments allotments consistent with requirements of Order M-370.

Metal treating and plating:—Minimum operating requirements for aircraft manufacture and similar uses were supplied.

Textiles: — Civilian requirements were supplied in varying percentages depending upon essentiality of end product. Woolens and work clothes were granted 80 percent and others slightly less.

Chemical manufacture: — Civilian allotments continue on a reduced basis as follows:—Dyestuffs, 70 percent; reagents, 100 percent; match manufacture, 100 percent; benzaldehyde, 75 percent; glue, 100 percent; heliotropine, 25 percent; wood preservatives, 60 percent; flotation reagents, 100 percent; cellulose esters, 100 percent; pharmaceuticals requiring sodium bichromate, 100 percent; pharmaceuticals requiring chromic acid granted percentages depending on importance of end produce as determined in conjunction with drugs and pharmaceuticals section. Metallurgical:—Requirements for manufacture of chrome alloys met in full.

Corrosion Prevention: — Essential requirements met in full. Sodium or potassium bichromate were substituted for sodium chromate wherever possible.

Chrome Pigments.—Allocations of Class B pigments, which include chromium oxide green and zinc chromate, were made only to those essential military uses specifying the use of these pigments and where adequate substitutes were not available. Sufficient Class A pigments were available to most quota orders and exempt orders as defined in M-370, but no additional quantities were allowed for extra quota Class A requests.

Cinchona Alkaloids.—Requests were granted on the following basis:—Quinidine—approximately a thirty-day supply was released to distributors and on consumer applications for use in treating cardiac disorders. Totaquine—medicinal only (antimalarial)—100 percent for dosage forms; 100 percent for compounds; 100 percent for small order deliveries. Quinine—requests for use in ampul medication in the treatment of malaria were granted 100 percent. Chinchonine—small amounts were released for industrial use as laboratory agent in tungsten analysis. Cinchonidine—small amounts were released for small order deliveries for antimalarial use.

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Obituaries

William Bausch

William Bausch, chairman of the board of the Bausch & Lomb Optical Company, Rochester, N. Y., died recently. He was eight-four years of age.

Mr. Bausch had been with the company for sixty-eight years and became board chairman only two months ago.

Surviving is a sister.

Dr. Earl Charles Sherrard

Dr. Earl Charles Sherrard, for the past fourteen years in charge of research in the chemistry of wood and its derived products at the U. S. Forest Products Laboratory, Madison, Wis., died October 5 of a heart attack. He was 58 years of age.

A graduate of the University of Michigan, where he also took his M.S. and Ph.D., Dr. Sherrard was born in Montpelier, Ind. His family later moved to Angola, Ind., where his father became president of Tri-State College. After studying there, Dr. Sherrard taught chemistry at the college for two years before opening a pharmacy at Fort Wayne, Ind. In 1908 he returned to the faculty of the college, remaining there until entering the University of Michigan in 1911. While studying for his master's and doctor's degrees at the latter institution, he also taught chemistry. He joined the government service in 1917.

Elmer W. Wiggins

Elmer W. Wiggins, founder of the aviation concern which bears his name, died October 18. He was sixty-five years of age.

Born in Warsaw, N. Y., Mr. Wiggins received B.S. degrees from Amherst in 1901 and from Massachusetts Institute of Technology in 1905.

He was successively chemical works manager, production manager and general manager at various plants of E. I. du Pont de Nemours & Co., Inc.; sales manager of the Viscoloid Company; New England representative of Nixon Nitration Works; director, treasurer and general manager of E. W. Wiggins Airways, Inc., and treasurer and director of Wiggins & Co.

Surviving are his wife and five children.

Charles F. Davidson, retired paint salesman, died October 6 in Louisville, Ky. He was seventy-three years of age.

John Rodney Gause, retired engineer of the construction department of E. I. DuPont de Nemours & Co., died in Wilmington, Del., October 13. He was seventy-two years of age.

Frank C. Kearns, for many years mechanical superintendent of the plant of the H. B. Davis Paint Company, died October 14. Survived by his wife and a daughter.

Stephen Lenz, who retired about four years ago after more than thirty years as tanning technician for the Seton Leather Company, Newark, N. J., died October 18 at his home in that city. He was seventy-four years old.

Paul Oesterreicher, of Astrin Bros., Ltd., London, died recently. He was the brother of Egon Oesterreicher, partner of John Kellys (London), Ltd.

Albert E. Peterman, president of the Calumet & Hecla Consolidated Copper Company, Calumet, Mich., since 1942, died October 5 of coronary thrombosis. His age was sixty-seven.

Dr. Howard H. Zimmerley, director of the Virginia Truck Experiment Station, died October 15. He was fifty-four years of age.

Heyden Offers New Polyhydric Alcohol

The Heyden Chemical Corporation is now offering trimethylolpropane, a polyhydric alcohol. The product is a crystalline waxy solid with the following properties:—

Formula	$C_6H_{11}(OH)_3$
Molecular weight	134.17
Hydroxyl content (% OH)	38.5% 1.0%
Combining weight	50.8
Color (Gardner)	11
Solubility, grams per 100 grams solvent at 25° C.	
Water	All proportions
Ethyl alcohol	All proportions
Glycerin	All proportions
Benzene	0.02
Acetone	71

Boston BIMS Hold Final Golf Outing

Charles H. Slater, of the J. T. Baker Chemical Company, Phillipsburg, N. J., won both low gross and the grand prize at the final golf outing of the BIMS of Boston held at the Charles River Country Club, October 18. Low net was won by Eddie Aldrich of the United Drug Company and kickers by Dave O'Connell, of Howe & French, Inc., Boston. Pete Niles, of Fritzsche Brothers, Inc., was in charge of arrangements.

Mallinckrodt Chemical Works Announces New Fungicides

Production of pyridylmercuric chloride, acetate and stearate, a series of new organic mercurial fungicides, has been announced by the Mallinckrodt Chemical Works. The pyridylmercuric salts are not only highly effective against wide varieties of fungi, but are less active in producing contact dermatitis than most of the organic mercurial fungicides in current use.

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BLACK INDIAN HEMP
BLADDERWRACK
BLOOD ROOT
BLUE COHOSH ROOT
BLUE FLAG ROOT
BOLDO LEAVES
BONESET HERB
BROOM CORN SEED
BROOM TOPS
BRYONIA ROOT
BUCHU LEAVES
BUCKTHORN BARK BITTER
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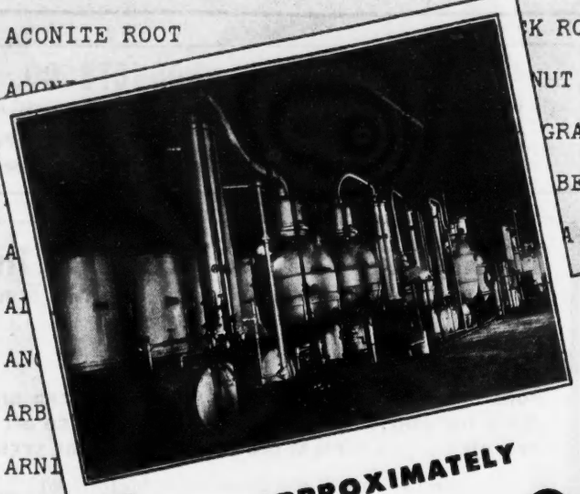

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Botanical Drugs, Spices, Gums

Reports concerning the present sale of botanical drugs suggest that the market is spotty as to demand but very firm as to prevailing prices. Buyers hold aloof from placing large requirements at this time, possibly with an eye to inventories that will be in hand at the conclusion of the European phase of the world war. However, it seemed clear that at least part of the wishful thinking for a quick victory over Germany has been supplanted by a saner view on the future end of hostilities against the Nazi; few now believe that surrender is near at hand, though surrender is probably thought to be nearer than present facts about the armies in the field would warrant.

The back-order file of most dealers is a quite substantial affair. In some instances, delay in filling orders is caused by inability of dealers to get the needed botanicals. In others, mainly products that have to be compounded, it is the lack of ingredients other than botanicals that keeps the back-order file fat. As of September 1, one house reported 500 unfilled back orders against a possibly normal situation of about 200. At the moment, quite a pinch is reported in deliveries of compound licorice powder and white pine compound.

Of all the special media used last collection season to stimulate gathering of crude drugs, personal solicitation on a scale rarely attempted before proved the most productive. Such solicitation, backed by wayside placarding of fence rails and posts, barns and sheds, telephone posts and trees, accounts for much of the success attained. Even the radio was used to bring new workers to the collection of drugs.

Having succeeded, after a year and a half of trying to persuade OPA to raise ceiling prices on pepper, sellers of turmeric root and coriander, cumin, fenugreek, poppy, and sesame seeds have begun agitation for a price ceiling rise on those items. As a preliminary, a petition to that end is being prepared for presentation to the price-policy body.

Balsams

Fir.—The spot price on Canadian balsam was down as low as $17 to $18 per gallon. More goods were being offered. Oregon balsam was easier but no lower.

Peru.—Quiet in local market but also very steady as to price.

Barks

Cascara Sagrada. — Collection was from 50 to 60 percent below normal, but the supply, when considered in connection with stocks held by largest manufacturing consumers, is expected to be sufficient. Should ship building be cutback on Pacific Coast, would probably increase availability of labor at the next peeling season.

Cocillana.—Seasonal consumption is beginning to rise, but the larger manufacturing use has yet to be reflected in spot quotations. Some preparations seeking national disposition on a large scale on the market.

White Pine.—The season when large contract requirements arise in white pine compound is at hand and finds a not overly-abundant stock of bark in the hands of distributors. Subnormal stocks of the general ingredients of compound work toward a short supply and strong position. Sugar allocations may curtail output of the N.F. compound syrup.

Beans

Vanilla.—Receipt of some declarations of shipments suggest that further lots of Bourbon beans will arrive here ultimately. Just when they will reach here is unknown and highly uncertain, and some dealers appear disposed to await further developments before proceeding to sell against the pending arrival. An American freighter was believed close to the loading port. It was also suggested last week that much of the expected shipments will, upon arrival, have to be applied against the shipment lost at sea. The consensus was that at the very best there is not likely to be a surplus of beans at any time for a quite extended future.

Market Trends

Prices Advanced

Drugs

None

Other Articles

Paprika, Chilean, 1c. per lb.
Portuguese, choice, 1c. per lb.
extra fancy, ½c. per lb.
good, 1½c. per lb.
Spanish, fancy, ½c. per lb.
Pepper, chillies, Mombassa, ½c. per lb.

Prices Reduced

Drugs

None

Other Articles

Dillseed, dewhiskered, ¼c. per lb.
Ginger Calicut, ½c. per lb.
Jamaica, No. 1, 2c. per lb.
No. 2, 3c. per lb.
Laurel, Portuguese, ½c. per lb.
Turkish, 2c. per lb.
Marjoram, Chilean, 1c. per lb.
Pepper, chillies, Louisiana longs, ¼c. per lb.
Pimento, Jamaica, ¼c. per lb.
Sage, Spanish, 1c. per lb.
Savory, Spanish, 2c. per lb.
Thyme, Spanish, ¼c. per lb.

Comparative Price Indexes

Botanical Drugs

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
244.5	244.5	245.4	265.2

Berries

Hawthorn. — One dealer reports a moderate supply of imported berries still available for spot delivery at 75c. per pound. Most of the others have none to sell.

Prickly Ash.—The late collection activity was not very satisfactory and the total of stocks available for the present consuming season is considerably less than normal. The market was quiet but very firm.

Flowers

Chamomile.—A local dealer reported Argentine goods coming to hand but at points which are so far from the spot as to raise spot costs to the extent of the additional rail transport charges. No American ships call at Argentina now, but ships under the Argentine flag do reach United States ports occasionally.

Pyrethrum.—Total plantings of this article in Peru are about 80 hectares of 2.47 acres each. Kenya production in 1943 totaled 4,107 long tons, a decrease from production in the three preceding years. The pyrethrin content was reported high. About 50,000 acres are now under cultivation. Stocks gained 1,952 bales.

Gums

Aloe.—It was learned that this market still held a little Barbados aloe packed in a gourd. It was one gourd and $2 per pound was offered by a potential buyer.

Arabic.—The spot market was reported very long of stocks and short of buyers in substantial quantities. It was a buyers' market in most respects and despite the fact that there were operators disposed still toward the belief that peace in Europe will bring to the primary market a demand sufficiently large to raise shipment prices. Events of the European war on the Eastern and Western fronts have almost ended the recent talk of a quick surrender of the Germans.

Tragacanth.—Most old-line houses say a strictly No. 1 ribbon tragacanth is worth and will bring $4.50 per pound. But talk in the open market mentioned around $4.10 for what was described as No. 1 ribbon.

Herbs and Leaves

Laurel.—Prices on Portuguese material were shaded to 17½c. to 18c. per pound, and those on Turkish material were down sharply to 32c. to 33c. Cyprus held steady and unchanged.

Marjoram. — Chilean material was lower at 31c. to 32c. per pound under competition. The California, Argentine and Portuguese held unchanged.

Sage.—Some material described as Palestine sage was offered locally at 16c. to 16½c. per pound. Spanish material was down to 18c. to 18½c. Cali-

For Current prices see alphabetical listing beginning on page 9.

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CRUDE DRUGS

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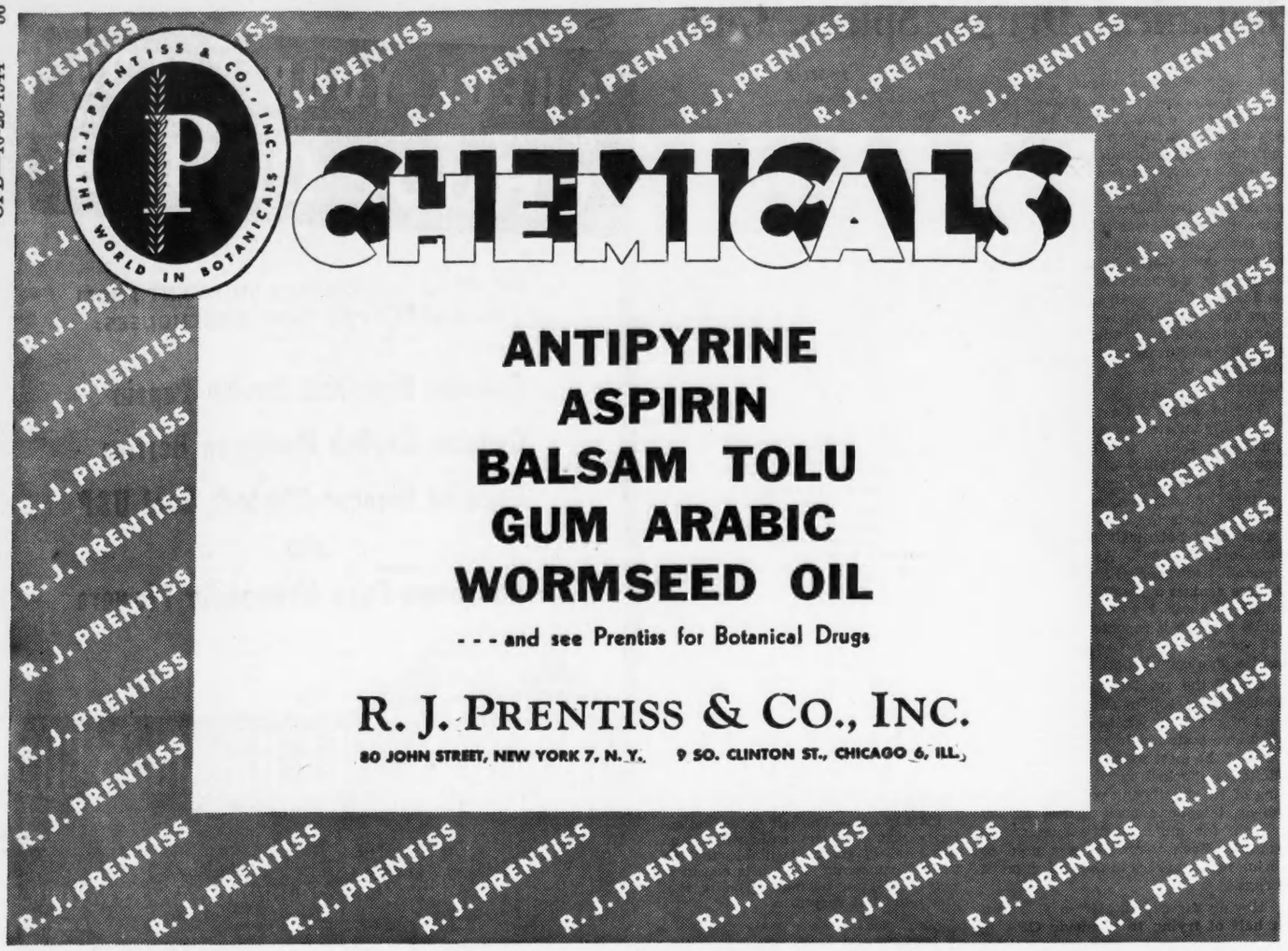
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fornia French type and leucophylla remained firm and unchanged.

Savory.—Competition brought sales of Spanish herb at the much lower price of 25c. to 26c. per pound. The domestic item held at 95c. inside.

Thyme.—Spanish was a small fraction cheaper at 17½c. to 18c. per pound, but the French type in California held at 80c. minimum.

Miscellaneous

Grains of Paradise.—Those dealers who recently replenished stocks continued a minimum price of 30c. per pound. Holders of older stocks talked a market at 37c. There is still available about 5 bags of the last lot to arrive. More is being engaged to come forward.

Manna.—No direct or indirect offerings from previous sources of supply have reached here yet.

Papain.—Available stocks seemed adequate to cope with considerably more than the current volume of request. The spot was fairly competitive. Stocks were 299 cases larger.

Roots

Aletris.—This is one domestic botanical which failed of ample collection regardless of collection programs and propaganda as well as high prices as a specific inducement to primary market activity.

Licorice.—The number of unfilled back orders for compound licorice powder was said to have increased, primarily because limitations on sugar supply have made filling of obligations impossible.

Rhubarb.—There was said to still exist a small quantity of genuine U.S.P. high-dried Chinese root. Most deliveries at this time, however, are made from ample stocks of Indian root.

Squill.—Stocks of Italian red squill increased by 1,666 bags. It was the first reported direct shipment since the Italian invasion.

Seeds

Caraway.—The United States farmers have joined the Canadians in offering this article and an article closely resembling genuine Dutch seed is said to be available at 77c. to 79c. per pound.

—*Continued on page 62*

Surplus Chemicals

—Continued from page 4

Soda Chloride, 825 pounds, Pine Bluff Arsenal, Ark.

Soda Citrate, USP, 300 pounds, Atlanta, Ga.

Soda Hyposulphite, 68,950 pounds, South Bend, Ind.

Soda Iodide, 90 pounds, Pine Bluff Arsenal, Ark.; 88 drums, Denver, Colo.

Soda Oxalate, 98,500 pounds, Jacksonville, Ill.; 175,792 pounds, Detroit, Mich.

Soda-Lime, 47,315 pounds, Edgewood Arsenal, Md.

Soda Phosphate, Dibasic, 175 pounds, Schenectady, N. Y.

Soda Silicate, 200 pounds, Camp Polk, La.

Soda Thiosulphate, 50,000 pounds, Schenectady, N. Y.

Starch, Soluble, 500 ounces, Schenectady, N. Y.

Sulfosalicylic Acid, 375 pounds, Denver, Colo.; 2,000 ounces, San Francisco, Calif.

Sulfurous Acid, 1,265 pounds, Denver, Colo.; 175 pounds, Savannah, Ga.; 1,835 pounds, Ogden, Utah; 325 pounds, San Francisco, Calif.

Sulphur, 50,000, Salt Lake Army Air Base, Utah.

Sulphur Monochloride, 1,670,000 pounds, Rocky Mt. Arsenal, Colo.

Sulphuric Acid, 7,000 pounds, Savannah, Ga.; 300 pounds, San Francisco, Calif.; 3,000 pounds, Denver, Colo.

Talc, 1,909 packages, Camp Cooke, Calif.

Tartaric Acid, 2,498 pounds, Binghamton, N. Y.; 1,500 pounds, Savannah, Ga.

Toluidine Meta, 11 pounds, Edgewood Arsenal, Md.

Turpentine, USP, 10,000 bottles, Schenectady, N. Y.

Tyrosine, 400 grams, Atlanta, Ga.; 100 grams, Schenectady, N. Y.

Uranium Nitrate, 150 ounces, Atlanta, Ga.; 325 ounces, Schenectady, N. Y.

Urease, 100 5-gram vials, Schenectady, N. Y.

Xylene, 300 pounds, Atlanta, Ga.; 2,000 pounds, Schenectady, N. Y.

Zinc Chloride, 425 pounds, Atlanta, Ga.; 25 pounds, Schenectady, N. Y.

Zinc Chromate Compound, 100 gallons, Brooklyn, N. Y.

DCAT Medical Care Forum November 9

Drug, Chemical & Allied Trades Section of the New York Board of Trade will hold a luncheon meeting and forum in the Waldorf-Astoria hotel, November 9, on the general subject of "Medical Care for the American People—How Best Achieved."

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Distinctive packaging thus encouraged English consumption of the asthma alleviative introduced into domestic medicine in 1807 by Samuel Thomson of Boston, and to British medical men in 1829 by Richard Reece.

More than 200 special monographs on lobelia have been published since 1785 when the Rev. Manasseh Cutler mentioned it in his Indigenous Vegetables. It is a widely used drug today.

WAREHOUSE AND MILLS
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Essential Oils, Other Aromatics

Demand for essential oils in general continued to be spotty last week but the call for other articles, particularly those that replace scarce materials, was reported to be very good.

Considerable interest attached to the bergamot oil recently brought here by government agencies. Samples were drawn last Thursday and examination got promptly underway. An early report made by the perfumer of one always prominent factor in bergamot distribution was that the slightly less than 90,000 pounds that constituted the arrival of oil has proven to be oil of excellent quality. Establishment of quality was found necessary before OPA establishes a price at which dealers may buy for distribution purposes. Which also means that OPA dealer prices are also held in abeyance. Early decision on prices to be paid and charged by dealers is expected. Meanwhile, it is pleasing to learn that the whole shipment will go into normal consuming channels and it is about a year's supply.

Another interesting development last week was an announcement made by the U.S.P. revision committee in which authorization was given for the use of cinnamic aldehyde and anethol as replacements for cinnamon and anise oils in pharmacopoeial preparations where they are directed for use as ingredients. This authorization was given to ease the situation developed by shortages in natural oils.

Plentiful supplies of orange oil were reported, to which will be added ultimately some orange said to have been sent from Italy. An easier situation was reported in geranium and stocks of ylang ylang were also said to be slightly larger. Spot shortage of peppermint and spearmint was unrelieved. Nor was there too much lemon available in any quarter notwithstanding the latest receipt from Italy.

Surrender of Bulgaria does not mean that Bulgarian rose oil will reappear on this market soon. Nor is there real reason to expect French lavender at an early date, though the view may be changed by what may happen between now and the crop season that runs from July to September.

Angelica.—Prices were confirmed with the added statement that the supply was very small.

Anise. — Because no natural oil is available, the USP revision committee has authorized the use of anethol as a replacement in pharmacopoeial preparations where anise is directed as an ingredient.

Bergamot.—Italian oil recently brought here by government agencies is under examination for quality, a preliminary necessary in order to permit OPA to establish equitable prices at which dealers may buy and sell the total quantity into consuming channels. Samples were drawn on Thursday and one expert for a prominent bergamot distributing dealer declared it to be of excellent quality. The total quantity was said to be slightly less than 90,000 pounds; representatives of FEA stated that definite knowledge of the exact quantity was impossible because the containers were not uniform in size. In any event, the total was stated to provide a year's consumption. Total imports in 1939, the last year before the war, were 211,181 pounds. Total imports in 1941 were 42,144 pounds.

Caraway.—Not much is available and it was strictly a sellers' market within the limits of the GMPR. It may be that some private distillation from domestic grown seed may have aided some consumers.

Cassia.—Shipping information reports the availability of three drums of this material. It is the first reported replenishment of stocks for many, many months.

Cinnamon. — Stocks of leaf oil gained to the extent of 14 drums from primary market sources. It was all earmarked for consumption and failed to provide anything for local reserves. Replacement cables mentioned $1.80 per pound as sellers' minimum view.

Market Trends

Prices Advanced

None

Prices Reduced

Geranium, 50c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
260.1	261.4	261.7	246.9

The USP revision committee now permits the use of cinnamic aldehyde as a replacement for cinnamon oil.

Citronella.—Few offers have been received from Ceylon and the market there was reported very firm at 78c. per pound.

Clove.—Very firm. Available in conservative quantities and sellers show a reserve that is in keeping with the uncertainty surrounding future arrivals of spice. However, an American freighter was reported close to a possible loading port and if spice be there, it may reach sooner than expected.

Coriander.—The tightness of supply was emphasized by reports of sales at $26 per pound and asking prices as high as $35.

Dill.—Trade has dwindled to seasonal proportions. The major consumption has passed and a very quiet market for some time to come is now expected. A fair supply still remains available.

Eucalyptus.—Very strong, although stocks have improved moderately of late and made sales possible around $1.10 per pound. Australia has allocated increased quantities of this material to the United States.

Geranium.—Reports continued to suggest an easing of supplies but such developments were within moderate limits at the best. Prices were noted lower at $12.50 to $13.50 per pound for Algerian and $13 to $14 for Bourbon but the available supply of positively identified oils was moderate.

Juniper Tar.—No further shading of spot prices was reported but the market was still reported moderately easy in undertone and in some conditions favored buyers in some respects.

Lavender.—There is quite a lot of talk about resumption of commercial business with France but, so far as can be learned, it is little more than talk at this time. In fact, though many sellers have attempted to learn more of the lavender position in France, none are known to have succeeded. However, a favorable consideration was the fact that the flower picking time in France is July to September and there is at least a chance that progress toward a restored export of lavender may have been made by the time oil becomes available.

Lemon.—Talk in the market intimated that government needs may require continued absorption of Italian oil for government required products. It may be considered doubtful that any general release of such oil for general civilian products is certain. The market remains tight as ever.

Lemongrass. — Replacement cables mentioned $1.31 to $1.33 per pound for Far Eastern material. Reports indicated that domestic consumption of this oil has increased very substantially and it was intimated that the government may have requirements of a most essential sort.

Orange.—Some Italian oil is understood to have reached here in company with the supply of bergamot and lemon oil recently sent here by government agencies in Italy. So far as learned, no price to be paid by dealers has yet been established. However, there is plenty of oil available here from sources other than Italy and the general price situation seemed to be a trifle soft last week.

Sandalwood.—Stocks were reported on the low side. It has been difficult to keep sufficient wood moving to this country and the result is at present very low in inventories.

Spearmint. — The impass between producers and local dealers as well as distributors remains unbroken. Dealers say they cannot buy oil at prices that allow them a profit on oil sold at the spot dealers' ceiling of $4 per pound.

Ylang Ylang.—Further quantities of oil have come to this market and some suggest that more is in sight.

For Current prices see alphabetical listing beginning on page 9.

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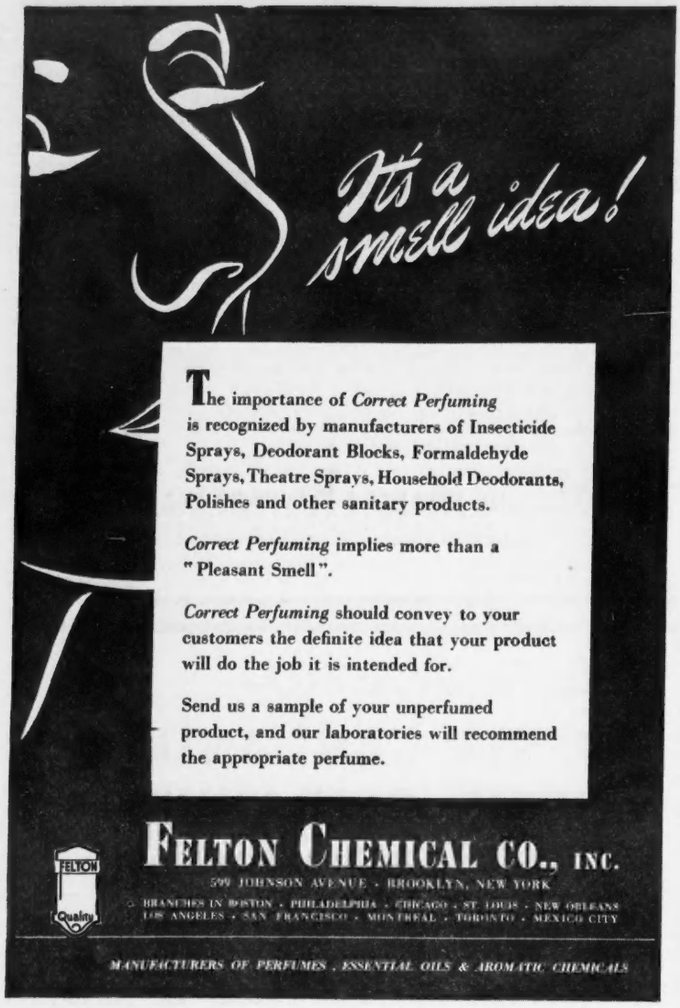
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Bourbon oil was very steady at $9.50 per pound minimum.

Aromatic Chemicals

Anethol.—The U.S.P. revision committee has authorized the use of this article as a replacement of anise oil in pharmacopoeial preparations where anise is directed as an ingredient. And there is not too much anethol around.

Cinnamic Aldehyde.—This material may now be used as a replacement of cinnamon oil in pharmacopoeial preparations where the oil is directed as an ingredient. This replacement has been authorized by the U.S.P. revision committee.

Ethyl Cinnamate.—Stocks were limited. Sellers showed reserve and many former suppliers lacked supplies.

Eucalyptol.—With raw material supplies showing some improvement, some relief from shortage of this synthetic may be in sight.

WLB Directives

—Continued from page 3

of the District Court here dismissed six suits brought by Montgomery Ward & Co. in its fight against WLB directors on maintenance of membership and checkoff. The suits involved Montgomery Ward stores in Oakland, Calif.; Portland, Ore.; Chicago, St. Paul (two suits) and the Hummer Manufacturing Company, a Ward subsidiary at Springfield, Ill.

In the appeals court ruling in the Motor Freight Carriers case, which stands as the final judicial word on reviewing WLB directives, the court said that it was clear and undisputed that no statute authorizes review of the board's orders; that judicial review of administrative action cannot be confined by a formula, and existing categories may be extended if the need arises; and that the correctness of administrative advice cannot be reviewed by the courts.

Washington Talks It Over

—Continued from page 5

privately owned but actually run by the state. It is a situation that the government here doesn't like and certainly must be most upsetting to foreign investors in Argentine industries.

The move by the Argentine government is being made under the guise of national defense and has its legal basis in a law passed some time ago creating a division of military manufacturers in the war department that permits the government to subscribe to the capital of existing concerns or set up new companies with private investors, but with the chairman of the board to be appointed by the President and with one-third of the directors to be representatives of the state. In the absence of the board chairman any one of the state-board members would have veto power over resolutions passed by non-state directors.

The development is too undemocratic to suit American tastes and is considered too close to a policy of expropriation for comfort. So far the government has exercised the authority of this law in the fields of oil exploration, sulphur production, and the manufacture of synthetic rubber, chrome and brass products and is now considering moving into the steel production picture.

Chicago Drug, Chemical Ass'n to Meet Oct. 26

The Chicago Drug and Chemical Association's October luncheon meeting will be held at the Drake Hotel, October 26, at 12:15. The speaker will be J. Barnett, war correspondent, home on leave after twenty-six months on the battlefronts of Europe and Africa.

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Petroleum Derivatives

Even with V-E Day now appearing so remote as to be scarcely visible on the horizon, there has been a further easing of the civilian supply situation in many of the most important petroleum chemicals within the past week. The relief thus afforded to the tension in petroleum products supplies which had hitherto been due principally to the gigantic and seemingly insatiable requirements of the global war in the chief ingredients of high-octane gasoline, has not yet proceeded far enough to warrant any easing of the rationing provisions or other restrictions on low-octane gasoline, fuel oil or kerosene but it has been reflected in a slight building up of inventories of these petroleum derivatives and has found immediate reflection in the easing of the heretofore taut situation in some of the naphtha specialties, including the high solvency aromatics, and also in butane, propane and other liquefied gases and in paraffin.

While the direct cause of this easing of the tension in numerous chemicals has been found in the announcement that the United Nations production of 100-octane gasoline has outstripped requirements for combat and training purposes, making possible for the first time a sizable accumulation of sorely needed working stocks and permitting the industry to proceed with the production of a greatly improved "super-fuel" for fighting planes on the flat-tops and for such planes as the Superfortress, this highly desirable result has also been due in large measure to a further stepping up of the daily rate of domestic production of crude petroleum and an additional increase in the flow of crude oil to refineries which have combined to furnish the independent refiners with larger quantities of the raw material from which to extract the derivatives needed by non-military as well as military users, even before the drain of the war's requirements in Europe and Asia had begun to taper off.

However, PAW still reports that the nation's stockpile of petroleum production for civilian use is now 29 percent below prewar October levels.

Solvents and Diluents

Aromatic Solvents—Despite the possibility of a cutitng-down in their allotments of xylol by continued draining of stocks of toluol and other primary coaltar derivatives for the government's use in making explosives materials, processors of these high solvency aromatic naphthas, made from xylol bases, are fairly confident of their ability to continue supplying authorized customers with these naphtha specialties, as they still have inventories of xylol sufficient for their needs for a month ahead and are sanguine as to the outlook for an eventual easing of the situation before it can become more acute.

Cleaners' Naphtha.—Being taken in undiminished quantities on both military and civilian dry-cleaning accounts, with prices strongly maintained.

Lacquer Diluents. — Continues in keen demand, with current supplies adequate for current needs. Market steady.

Mineral Spirit. — Moving in steadily mounting volume into consuming channels. Tone strong.

Rubber Solvent. — Manufacturers of synthetic rubber continue buying virtually the entire output of this solvent.

Stoddard Solvent. — Both military and civilian dry-cleaning operations absorbing the current production.

V. M. & P. Naphtha.—Paint industry still buying virtually all offerings, with those engaged in war production securing the major portion, but by no means all, of the available supply.

Markets at Other Centers

Chicago, Oct. 20. — Interest in petroleum solvents on the part of the paint industry and some other consumers is reaching high levels in this area for various grades of materials in this classification. In general movement on orders is brisk.

Los Angeles, Oct. 20. — Demands for middle of the barrel cuts heating fuels last week were increasing on the Pacific coast because of the advent of cold weather. Cleaners' naphtha and lacquer diluents remain in great demand.

Market Trends

Prices Advanced

Natural gasoline, Texas and Oklahoma shipping points, ⅛c. per gal.

Prices Reduced

None

Lighter Fractions

Butane.—Although manufacturers of high-octane aviation gasoline and of synthetic rubber tires continue to absorb the lion's share of the current output and stocks of this liquefied gas, a modicum of this material is again becoming available for home-heaters and private industrial users.

Heptane. — Moving somewhat more briskly. Market steady.

Hexane.—Increasing interest shown in this gas. Tone firm.

Octanes.—Being purchased in expanding quantities. No change in price structure.

Pentanes. — In steadily increasing request. Tone holding firm.

Propane. — The situation in this liquefied gas almost exactly duplicates that in butane, showing a little more now available for private users than for many months past.

Petrolatums and Waxes

Amorphous Waxes.—Moving steadily into consuming channels under the leadership of the standard process types, with prices fairly well maintained.

Paraffin.—Considerable further easing of the market for crude scale has occurred within the past week and, with the more liberal offerings of this basic material, there has also been an additional easing of the heretofore great tension in the refined grades, although some of the high melting points are still in far from plentiful supply.

Petrolatums.—Moving chiefly in returnable steel drums again, the U.S.P., veterinarian and technical grades of this petroleum jelly continue to be shipped in considerable quantities, with prices well mantained throughout the list.

White Mineral Oils.—Notwithstanding the price-shading tactics of some suppliers who are finding themselves overstocked in some lines and eager to move them by offering concessions, leading producers continue to hold their stocks firmly at their old schedule of prices and are still booking the bulk of the available business.

Fuels and Lubricants

Crude Petroleum. — Another acceleration of the tempo of the daily rate of domestic production of crude petroleum has been recorded in the figures on the output of the American oilfields for the week ended October 14, for which period they recorded an increase in the daily average yield of 35,000 barrels to 4,726,550 barrels, or 18,050 barrels daily in excess of PAW's October recommendation.

Runs of crude oil to stills for the same week are reported to have amounted to 4,589,000 barrels, compared with 4,506,000 barrels for the previous week.

PAW has announced a recommended production rate of 5,023,900 barrels daily for November. This is 13,100 barrels daily more than the October recommendation but is a little short of the all-time high of 5,051,300 barrels a day certified for October.

Gasoline.—New ceiling prices for sales of natural gasoline by producers and resellers at shipping points in Texas and Oklahoma, approximately ⅛c. per gallon above those hitherto prevailing, have been announced, effective October 23, by the Office of Price Administration. Similarly advanced ceiling prices have also been scheduled by OPA on shipments of natural gas from seven Southern and Midwestern States to the seventeen Eastern States and District of Columbia, comprising PAW district No. 1.

OPA has also fixed specific price ceilings for tankwagon sales of gasoline to dealers on the Pacific coast, as well as for tankwagon sales of kerosene to dealers and domestic consumers, also for tankwagon sales of stove.

For Current prices see alphabetical listing beginning on page 9.

H.J. Fouts Forms Coast Chemicals

Harold J. Fouts has formed a new company to be known as Coast Chemicals with office at 739 Bryant street, San Francisco, Calif., and plans to open a Los Angeles branch. Mr. Fouts, a graduate of Stanford University, with degrees in chemistry and engineering, has ten years of experience in the chemical business, largely on the west coast. For the past two years he has been a captain in the U. S. Army Chemical Warfare Service in the San Francisco District Office of Procurement.

Harold J. Fouts

Prior to entering the service, Mr. Fouts was employed by the Shell group of companies both here and abroad. During his last three years with Shell, he was assistant to the sales manager of the Shell Chemical Company. Mr. Fouts will be in New York from November 12 to 19.

Gulf Oil Has Pension Plan

The Gulf Oil Corporation, Pittsburgh, has announced that as of January 1, last, it put into effect an annuities and benefits plan for its 28,000 employees. The entire cost of the plan will be borne by the company with funds paid into an irrevocable trust. Under the plan employees who have attained fifty-five years and completed at least twenty years of service will be eligible to retire, but on a reduced annuity. Those who have reached sixty-five years will be retired at the regular annuity and no minimum number of years of creditable service will be required.

Sun Oil Opens New Refinery

The Sun Oil Company has placed in operation at its Marcus Hook, Pa., refinery a new $7,000,000 lubricating oil plant, J. Howard Pew, president, has announced. This plant, which was built to meet Army and Navy needs for aviation lubricating oils, was financed entirely by the Sun Oil Company and it raises to more than $25,000,000 the amount spent by the company upon facilities for war products.

N.J. Standard Moves Purchasing Office

The Purchasing Department of the Standard Oil Company of New Jersey will move its office to 115 Broadway, New York.

A.C. Bedford Advanced

A. Clarke Bedford, vice-president of Standard Oil Company of New Jersey in charge of sales, has been elected executive vice-president.

Give to War Relief Fund

F.R. Ficken Retires

F. R. Ficken, assistant comptroller of the Socony-Vacuum Oil Company, New York, will retire on December 1 after forty years' service with the company.

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SALES AGENCY wanted, metropolitan area, for new and outstanding products used in protective coatings, printing ink and allied industries, by reputable organization having over 40 years' experience in these fields. OPD 453

WE HAVE been doing business with various industries for twenty-five years. Located in Cincinnati and cover surrounding territory. We would consider one or two additional accounts for raw materials which have a real post-war future. OPD 469.

IMPRAMEX, S. A., Rio de Janeiro, Brazil, established agents in Rio de Janeiro and Sao Paulo, Brazil, specializing in industrial chemicals, aromatic chemicals and chemicals for the plastic industry want to represent manufacturers and exporters. OPD 473.

Equipment Offered

FOR SALE—Shriver monel metal coated 24-inch square filter press; 24 chambers; excellent working condition; available immediately; no dealers. OPD 476.

Equipment Wanted

WANTED—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to OPD 419.

WANTED—Small rotary vacuum filter and small rotary dryer, any condition. Paul F. Cole, 70 Pine street, New York 5, N. Y.

HARD SHELL capsulating machines, Arthur Colton manufacture, for size 00 and No. 1 capsules. Write price and particulars to Ryer Dietary Supplements Company, P. O. Box 187, Lynwood, Calif.

PRESS suitable for large and small paradichlorobenzene and naphthalene blocks; semi or completely automatic. OPD 472.

WANTED—1 Beckman P.H. meter; 1 still, capacity five gallons per hour of triple distilled water, electric or gas; and 1 lumerton. Ziegler Pharmacal Company, 500 Franklin st., Buffalo 2, N. Y.

ROTARY VACUUM dryer wanted, approximate size 400 cubic feet. State full particulars, no dealers. Send offering OPD 475.

Equipment Wanted

RAYMOND IMP pulverizer or Williams roller mill. Must be complete and operating condition. Kindly give full description, also state location, price, age and condition. OPD 478.

Facilities Offered

PAINT CONTRACTS wanted. Responsible manufacturer, located near Philadelphia, has available facilities for manufacturing up to 20,000 gallons paint weekly on sub-contract basis. Well equipped plant, ample storage and financial resources. Will handle in any quantity. All transactions strictly confidential. OPD 451.

LIQUID SOAP shampoo facilities available for manufacturing additional quantities of toilet and industrial preparations, laboratory controlled, bulk or bottled. We solicit your inquiries. Curley Company, 1432 North Randolph street, Philadelphia 22, Pa.

Facilities Wanted

FOR FINE pulverizing, preferably with Raymond imp pulverizers or Williams roller mill. Will consider contract, lease or purchase. OPD 477.

FMC

Recent Additions to Our Stock of Desirable EQUIPMENT

1—Mikro No. 4 Pulverizer, 24".

6—Dry Mixers—800 to 1,600 lbs.

Abbe Unlined Pebble Mill, 56"x40".

2—Gl. Lined Jkted. 750 Gal. Tanks.

Copper Jacketed Kettles, 3 (100 gal), 1 (1,000 gal), others.

2—Progressive 2 & 4 Piston Fillers.

1—Jones Aut. Soap Press.

6—Rotary Syphon Fillers.

1—Filler Mach. Co.—4 Piston Filler.

1—Cast Iron 1,500 gal. Jktd. Agtd. Kettle.

6—Cast Steel 1,000 gal. Jktd. Agtd. Pressure Kettles.

1—Abbe Lenart No. 4 Mixer.

1—1,500 gal. Silex Lined Pebble Mill.

6—1,000 gal. Vert. Copper Tanks.

9—Oliver Pressure Filters, 100 sq. ft.

1—Day Imperial Mixer 150 gal.—Double Sigma Type.

1—W. & P. 100 gal. Jktd. double arm Mixer.

1—W. & P. 250 gal. Double Arm Mixer, Fish Tail Blades.

6—Aluminum, Copper and Nickel Vacuum Pans—up to 5' Diameter—Jktd—Agtd.

1—Glass Lined Jacketed 3,000 Gal. Still.

1—Devine Horizontal Vacuum Dryer 6'4"x15'—steam coils; accessories.

1—5'x5' Heavy Duty Hydraulic Press with Pump.

1—Barnstead 100 GPH Water Still.

1—Polar 175 GPH Water Still.

1—International Filter and Water Softening System.

1—Horizontal Retort or Sterilizer 36"x40"x34".

1—Lead Lined 24" Centrif. Extractor.

1—Tolhurst 28" Centrifugal Extractor.

1—Lead Lined 500 Gal. Autoclave with 7½ H.P. Agitator; Jacketed.

Everything Priced For Immediate Disposal

Inspection Arranged

FIRST MACHINERY CORP.

EAST 9th STREET AND EAST RIVER DRIVE
NEW YORK 9, N. Y.

FOR OVER A QUARTER CENTURY — A SYMBOL OF CONFIDENCE

THE KEY TO SAVING TIME AND MONEY

CONSOLIDATED PRODUCTS COMPANY, INC.

Special Items from Stock

2—70" x 30' RUGGLES COLES DIRECT HEAT ROTARY DRYERS. Type A-9.

1—5' x 12' Vacuum DRUM DRYER, Buffalo Foundry complete with accessories

10—ROTARY VACUUM DRYERS; 3—Buffalo 5'x20'; 3—Devine 4'x25'; 1—Devine 4'x30'; 1—Struthers Wells 30" x 12'.

2—ATMOSPHERIC DRUM DRYERS 4' x 12'.

2—32" x 72" ATMOSPHERIC DOUBLE DRUM DRYERS, m. d.

2—Buflovak 6' dia. Jack. Vacuum CRYSTALLIZERS or VACUUM PAN DRYERS.

9—Direct heat ROTARY DRYERS 4' x 30', 5' x 30', 70" x 30'

1—7'6" x 75' Indirect Heat ROTARY DRYER.

2—PEBBLE MILLS, 1—4' x 4' Burrstone Lined; 1—32" x 42" Rubber Lined; 4—30 gal. porcelain lined. Other Sizes

2—CRUSHING ROLLS, 40 x 16" Colorado Iron Works.

6—DRY POWDER MIXERS various sizes. To 3000 lbs.

2—W. & P. MIXERS, sizes 21-X-DB jacketed 625 gal.

3—4-Roll RAYMOND HIGH SIDE MILLS, all equipped for vacuum air separation—one with latest "whizzer" separator, two with double cone vacuum separators. Each including exhauster, cyclone collector and interconnecting piping.

1—4'x6' OLIVER CONTINUOUS FILTER; 2—8'x8'

8—HEAT EXCHANGERS, 50 to 1600 sq. ft. heating surfaces; 5 copper, 2 steel tubes.

6—RAYMOND PULVERIZERS; 4-Roll Low Side; No. 3, No. 1, No. 0000.

1—Day No. 30 Imperial Jack. MIXER 75 gal

8—RUBBER LINED Rectangular TANKS; 7—500-gal.; 1—150 gal.

29—CENTRIFUGAL EXTRACTORS, 12" to 72" bronze and steel baskets, belt and motor drives.

1—PNEUM. SCALE CARTON PACKAGING UNIT

1—Pneumatic Scale Co. Auto. tight WRAPPER.

2—Batteries of two each TYLER HUMMER SCREENS 4'x5', single deck, other sizes

1—36' dia Cast Iron COLUMN, 73" high.

1—355 c.f.m. AIR COMPRESSOR with A.C. Motor

1—Devine duolex VACUUM PUMP 16 x 16 x 12.

2—STOKES steam heated WATER STILLS, 5, 10 gal. per hour.

9—Hardinge BALL MILLS, 3' x 36", 6' x 36"; also 6' x 12' Rod Mill.

2—8' x 30" Hardinge Conical Silex Lined PEBBLE MILLS.

1—Buffalo 48 x 40" VACUUM DRUM DRYER, with bronze chromium plated drum, Vacuum pump, Barometric condenser, Vacuum receiver etc.

All items motor driven, still set up in operating condition.

LIQUIDATION — MACHINERY AND EQUIPMENT OF FORMER CENTRAL SUGAR CO., Decatur, Indiana

1—Battery of 5—40" BRONZE BASKET, Western States 1600 RPM belt driven CENTRIFUGALS, ball bearing, water-cooled heads; mixer with Stevens mingler coil, syrup troughs, all supporting framework, unloaders.

1—Battery 6—40" American Tool BRONZE BASKET, 1200 RPM., belt driven CENTRIFUGALS, plain bearings, mixer, supporting framework, syrup troughs, unloaders.

1—19,000 sq. ft., QUADRUPLE EFFECT, horizontal, brass tube EVAPORATOR, with all piping, pumps, etc.

2—8'x12' All Steel OLIVER FILTERS, complete with all pumps and receivers.

2—8x10 Wood Stave OLIVER FILTERS, complete with all pumps and accessories.

8—JUICE HEATERS, 500 to 750 sq. ft. H. S.

1—Hersey double unit ROTARY DRYER OR GRANULATOR.

Miscellaneous: Pumps, Packaging Machinery, Dryers, Coil and Calandria Pans

***Send for Printed Circular* — Arrange to Inspect**

5—ROTARY KILNS, 6' x 60', 8' x 125', 8'x 135'.

2—BELT CONVEYORS, 30" x 130', 16" x 65'.

3—Dracco Perfecto Type AAA DUST COLLECTORS

1—Abbe Blutergess No. 2 SIFTER; 1—No. OS, m.d.

2—Gen. Ceramic 40" dia. x 15' high ABSORPTION TOWERS.

10—Dopp C. I. jacketed KETTLES, 25 Gal. to 100 gal; 30—steel, cast iron, jack. up to 2000 gals.

3—ROLLER MILLS, 6' x 14", 12 x 30, 16 x 40 water cooled.

2—K. K. 18-spout Rotary Gravity hand FILLERS.

1—24" dia. x 40" PENNSYLVANIA SINGLE ROLL CRUSHER.

1—HARDINGE CONICAL PEBBLE MILL, 6' x 36", silex lined, silent chain drive, motor and starter.

3—DORR BOWL CLASSIFIERS—10' dia. bowl with 2'3"x19'8" rake, 12' dia. bowl with 2'3"x21'4" rake, 15' dia. bowl with 2'3"x23' rake.

1—OLIVER DUPLEX DRY VACUUM PUMP, 14" x 8".

1—HARDINGE CONSTANT WEIGHT FEEDER, ¼ HP motor.

3—DORR THICKENER MECHANISMS—Trays and Superstructures for 20' dia. x 10'; 30' dia. x 12'; 40' dia. x 12'.

4—DORRCO DIAPHRAGM PUMPS, single and duplex.

1—8' x 8' OLIVER ROTARY CONTINUOUS VACUUM FILTER.

2—RAYMOND BROS. "IMP" PULVERIZERS, No. 40, with direct connected motors, cyclone collectors and all inter-connecting piping.

1—Pneumatic Scale straight line BOTTLE CLEANER

4—150 gal. aluminum TANKS, cone bottom.

1—Stokes No. 21 GRANULATING MIXER, 50 lb. belt driven.

2—Granberg LIQUID METERS.

1—No. 7; 2—Colton TUBE or JAR FILLERS, No. 0.

1—Colton hand TUBE FILLER.

2—Jones Automatic CARTONERS

2—Anderson PACKAGING UNITS

1—Sperry Iron FILTER PRESS, 36" x 36", 38 chambers; 1—Shriver 24" x 24", 40 chambers.

2—World Rotary auto. LABELERS

1—Burt straight line auto duplex LABELER, m.d.

1—C. C. & S. 7-head Jumbo CROWNER

5—50 gal. copper steam jacketed VACUUM PANS, complete; other sizes to 750 gal.

1—Pneumatic Scale Co Auto. 6 head CAPPER & CAP FEEDER, M. D.

3—Pfaudler GLASS LINED TANKS, 2-90 gal. open, 1-100 closed.

1—Stokes-Standard No. 250 PERFORM PRESS, makes tablets up to 4" dia. and 2" depth, motor driven.

1—1000 gal. GLASS LINED fully jack. agt. KETTLE closed top.

4—40 gal. DAY PONY MIXERS.

1—No. 12 SWEETLAND FILTER with 36 monel leaves, 250 mesh, grooved.

WANTED: Idle Machines
Single Items or Complete Plants.
You can help War Production by sending us your list.

We Buy and Sell From a Single Item to a Complete Plant

CONSOLIDATED PRODUCTS CO., INC.

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FOR OVER 25 YEARS — A SYMBOL OF CONFIDENCE

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Investment Offered

SMALL CHEMICAL plant fully equipped with laboratory, glass-lined apparatus, etc., now operating in metropolitan area, interested in turning over management and production on royalty basis to qualified party able to increase scope of present line and finance current operations. OPD 463.

Materials Offered

FOR SALE—Two car loads of low fat soya flour; considerably reduced price. One Durichlor 2 in. x 2 in. self-primming centrifugal pump and motor. One agitator with 5 H.P. motor. OPD 454.

OFFERING dalmatian type, salvia officinalis sage foliage, car lots or less. Price and samples upon request. Sage Growers, Inc., R.F.D. No. 2, Wapato, Wash.

450 GALLONS of No. 9 olive-drab camouflage paste; 300 gallons of No. 9 olive-drab liquid camouflage paint. Material was originally made to meet a war department contract issued by the Corps of Engineers, U. S. Army tentative specification No. T-1212-C. Samples submitted and prices quoted on application. OPD 479.

OFFER ZINC acetate crystals approx. 20 tons; highest purity and quality, in excellent prime condition; packed in barrels; domestic production; can be had at a sacrifice in price; must be liquidated at once. OPD 480.

FOR SALE—7,500 lbs. potassium metabisulphite granular (Merck) at reasonable price. Contact The Arner Company, Inc., 303 Michigan avenue, Buffalo 3, N. Y.

Materials Wanted

TO MANUFACTURERS and jobbers—Are you overstocked? We require immediately large or small lots many items, chemicals, pharmaceuticals, solvents, aromatics, waxes, other supplies. Submit offerings at once. Correspondence treated confidentially. OPD 448.

Materials Wanted

WANTED — REFINED naphthalene flakes, rice, chipped and ball sizes; paradichlorobenzene; synthetic gum camphor, large or small lots. Quote best delivered prices, New York, N. Y. OPD 466.

Positions Vacant

WISH TO interview experienced, competent, energetic starch chemist with former experience in the development of new products and control or production of old forms of starch adhesives. In replying please state age, nationality, where born and when available. Permanent position with old-established firm. OPD 413.

INDUSTRIAL FINISHES salesman, also service man wanted, for New England, also New York State, served by eastern plant of reputable large manufacturer of synthetics, enamels, varnishes, lacquers. Salesman and service man must be experienced with large industrial consumers. Technical background preferred. Submit full qualifications and detailed information in first letter. Will be held in strict confidence. OPD 408.

PAINT CHEMIST—Permanent position open with large manufacturer located in the East. Paint and enamel formulating experience required. Excellent post-war opportunity. OPD 433.

PAINT and varnish chemist wanted as assistant to chief chemist of an old-established, medium-sized progressive company in northern Ohio with excellent post-war prospects. Prefer man with varied experience, able to do general testing, match colors and some formulating. Permanent position. Give age, experience and salary desired. OPD 441.

CHEMIST — Experienced in manufacture of floor waxes, furniture polish. Fine opportunity to do control and research work. Post-war future with live manufacturer. OPD 444.

WANTED IMMEDIATELY in Oakland, California, opportunity to superintend modern, well-established paint and varnish plant with post-war future. Must be practical paint chemist who understands cooking varnishes and must be willing worker. Good pay with bonus and vacation. State qualification, age, experience, etc. OPD 467.

Positions Vacant

SHELLAC BLEACHER wanted—To take complete charge of bleaching plant. Good post-war opportunity for man now employed to negotiate for later connection. Confidences respected. State age, experience and remuneration. OPD 424.

MAGNESIA PRODUCT sales. State sales experience, territory covered and other pertinent information. Magnesium oxides and carbonates. Replies will be held strictly confidential. OPD 464.

CHEMIST with production experience, preferably in toilet goods and proprietary medicines, by mid-south company having large post-war expansion program. Permanent with excellent prospects. Give summary of education, past experience and earnings and starting salary expected. OPD 474.

CHEMIST, preferably with textile experience, with old-established chemical manufacturing plant in Brooklyn. State education, experience and draft status. OPD 481.

CHEMIST—Synthetic resin manufacturer desires experienced resin or varnish chemist. Opportunity in growing concern for research and development work. Metropolitan area. A recent graduate will also be considered for our research department. OPD 482.

EXPORT MAN to take charge chemical department. Must be experienced. Good salary, plus profit sharing, for capable person. Knowledge Spanish preferred but not essential OPD 483.

Positions Vacant

CHEMIST—Excellent opportunity in expanding plant, one hour from New York. Experience in resin and plastic coating applications on textiles. Give full details. OPD 484.

Positions Wanted

DRUG PRODUCTION executive, pharmacy college graduate, young and experienced in production of ethical pharmaceutical products, purchasing and plant management, would like connection on Pacific coast. OPD 459.

PRODUCTION CHEMIST—25 years' experience in manufacture of fine chemicals, alkaloids, etc., high qualifications, desires contact with ethical firm. OPD 465.

—Continued on page 62

SPECIALS!

1—No. 5 Sweetland Filter, stainless steel lined, with 15 stainless steel leaves on 4" centers.
1—No. 5 Sweetland Filter, with 20 leaves on 3" centers.
2—Robinson Gyro Sifters, 20"x 48", 3'x6'.
1—Sharples No. 6 Centrifuge, stainless steel bowl.
1—Manton Gaulin Stainless Steel Homogenizer, 500 gph.
5—Swenson Walker Crystallizers, 24"x30'.
1—W. & P. 100 gal. Jacketed Mixer, sigma blades.
1—Day 300 gal. Aluminum Lined Jacketed Mixer.
2—6'x5' JACKETED CLOSED PRESSURE KETTLES.
2—JACKETED STILLS, 500 AND 350 GAL. WITH STEEL COLUMNS AND CONDENSERS.
4—JACKETED, AGITATED STEEL KETTLES, 650, 600, GAL.
1—W. & P. 150 GAL. STAINLESS STEEL LINED DOUBLE ARM MIXER.
2—COLTON NO. 2 ROTARY TABLET MACHINES.
2—Colton No. 2-B Single Punch Tablet Machines.
1—Killian Rotary Tablet machine, up to ¾".
1—W. & P. 20 gal. Double Arm Mixer.
5—Semi-Automatic Labelers.
1—Patterson 3'x4' Porcelain Lined Pebble Mill, motor-driven.
1—Patterson 5'x4' Silex Lined Pebble Mill, motor-driven.
5—J. H. Day 80-gal. Lead Mixers, single and twin.
1—Struthers Wells 2200 sq. ft. Triple Effect Evaporator.
1—Houchin 3' Glycerine Single Effect Evaporator.
1—Shriver Diaphragm Pump, 45 gpm. 5 HP motor.
1—Oliver Rotary Filter, 5'x8'.
5—Shriver and Independent 24", 36", 42" Wood Filter Presses.
1—Johnson 24" C. I. closed delivery Press, 36 chambers.
12—Centrifugals, 32", 40", 48" steel, bronze baskets, motor driven, top bottom discharge.
3—Hersey Rotary Dryers, 5'x30'.
1—Copper Rotary Dryer, 6'x17'.
2—Scott 4'x8' Vacuum Cookers.
1—BUFFALO 24"x20" VACUUM DRUM DRYER.
6—Rotary Dryers, 4'x30', 6'x42', 6'x60', 6'x65'.
1—Raymond Mill, No. 0000, ball bearing, with 15 HP motor.
1—Jeffrey Hammer Mill, 24"x18".
3—Roller Mills, 9"x24", 12"x30'
1—Copper Vacuum Pan, 50 gal.
2—1750 gal. Lead Lined Tanks.
10—Condensers, 20 to 300 sq. ft.
5—Jacketed, Closed Steel Receivers, 45, 60, 100 and 200 gal.

Miscellaneous: Complete stocks pumps, tanks, filters, boilers, etc.

Partial List Only. Your Inquiries Solicited. Send us your lists of surplus equipment.

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Equipment Co.
225 WEST 34th STREET
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BRyant 9-2049

2—Batteries (9 and 11) Tolhurst 40" Suspended Type, Centrifugals, Motor Driven, Bottom Discharge.

1—F. J. Stokes 3'x15' Rotary Vac. Dryer, with Condenser and Vac. Pump.
12—Filter Presses, Iron, Wood and Rubber, 18" to 42" sq.
1—Raymond No. 10 Imp Mill, complete.
1—3 Roll High Side Raymond Mill, complete.
3—No. 0000 and No. 0 Raymond Mills.
2—Bonnot 27" dia. Iron Filter Presses.
6—Autoclaves, 200 to 1,500 gals.
12—Vertical, jacketed, agitated Kettles, up to 1,500 gals.
2—75 & 1,500 gal. lead lined closed Kettles.
1—Pfaudler 60 gal. Jack. Agit. Glass Lined Kettle.
2—Dopp 50 & 80 gal. Jack. Agit. Kettles.
1—250 gal. Copper Jack. Vac. Still and Receiver.
1—Pfaudler 350 gal. Jack. Agit. Steel Kettle, Copper Lined.
1—700 gal. Steel Copper Lined Vac. Filter Tank.
1—600 gal. Steel Copper Lined Agit. Tank.
6—20, 35, 75 & 250 gal. Closed, Agitated, Jacketed Copper Kettles.
20—50 gal. Vert. Agitated Steel Tanks with Nettco Drives.
4—Single Punch Preform Tablet Machine, ½" & ¾".
1—Ball & Jewell Rotary Cutter.
3—Homogenizers, 7½ & 10 HP.
25—Hydr. Presses, Pumps and Accumulators.
1—Dunning & Boschert 2000 lb. Double Arm Steel Powder Mixer.
2—Blystone 2,000 lb. Jacketed, Horiz., Paddle Type Steel Mixers.
1—25 gal. Ross Double Arm Heavy Duty Tilting Mixer.
6—Horizontal Mixers, 25 to 150 gals., Single & Double Arm.
1—Faust 150 gal. Jack. Spiral Mixer.
1—Coombs Gyratory Sifter, 1/3 HP.
1—Robinson 20" M.D. Attrition Mill.
1—Howe Barrel & Bag Packer.
2—4,000 gal. Vert. Acid Proof Tanks.
2—Devine 8"x6" Horiz. Vac. Pumps.
1—Nash No. 3 Vacuum Pump.
1—No. 3 Oliver 14"x8" Duplex Vacuum Pump.
1—Penn. Vac. Pump, 14"x5".
2—Worthington 12"x12"x12" Vac. Pumps.
2—DeLaval Separators, Lab. size & No. 302.
2—DeLaval Multiple Clarifiers, Nos. 300 & 600, motor driven.
2—Ross 8 & 15 gal. Pony Mixers.
1—Ross 2 Roll Granite Stone Mill, 8"x12".
2—3 Roll water cooled 16"x40" Steel Roller Mills.
2—Ross 3 Roll Water Cooled 12"x30" & 16"x40" Steel Roller Mills.
3—Double Stand Steel 4 Roller Mills, 7"x18", 7½"x20" & 7½"x30" Rolls.
10—Pebble & Jar Mills, Lab. to 50 gal.
3—Tolhurst 24", 26" & 40" Centrifugals.
8—Stone Mills, 8" to 32".
8—Lead & Paste Mixers, 50 to 135 gals.
5—Varnish Kettles, 100 to 200 gals.
10—Steel & Wood Tanks, up to 4,000 gal.
2—Schutz-O'Neil 16" & 20" Pulverizers.
2—Double Roll Crushers.
2—Williams No. 2XX & No. 3 "Regular" type Hammer Mills.
10—Electric Agitators, ¼ to 2 HP.
20—Rotary, Centrif. & Triplex Pumps.
6—Gas Boilers, 1 to 10 HP.

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EVAPORATORS — ELEVATORS
FILTER PRESSES
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KETTLES
PEBBLE MILLS — PUMPS
MIKRO PULVERIZERS
TANKS — REVOLATOR

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SPECIALS!

DISTILLING COLUMNS:
48" DIA. C.I. RECTIFYING COLUMNS. Containing 24 bubble cap type plates, 6 caps per plate. Complete with coolers.
78" DIA. C.I. RECTIFYING COLUMNS. 30 bubble cap type plates with 12 caps per plate. Complete with coolers.
45" DIA. CHROME-IRON COLUMN containing 28 Bubble Cap Type Plates—saw little service. Drawings available.
8'4" to 10'0" STEEL COLUMN containing 19—8'4" dia. and 9—10'0" dia. Bubble Cap Type Plates. Drawings available.
48" DIA. EVERDUR COLUMN—Bubble Cap Type Plates. An exceptional value.

POT STILL — COPPER, HORIZONTAL
1—6'0" dia. x 7'4" long, Flanged Heads, 1,585-gal. cap. Compl. with coils.
TANKS, COPPER AND STEEL.
AMMONIA COOLERS.
BUCKET ELEVATOR, 105'0" high, Buckets 6" x 11", with Drive, Pulley, and Belt.
HAMMER MILL: Williams, Cap. 1,000 to 1,200 lbs. corn per hour.
PUMPS—CENTRIFUGAL AND STEAM, all sizes.
4—TANK SAND FILTER SYSTEM, each 3'0" dia. x 5'0" high, with fittings and "I" Beams.
PEABODY OIL BURNER—Never Used—Suitable for 150 h.p. Boiler.
ACE OIL BURNER—excellent condition.
LAWRENCE TRIPLE EFFECT EVAPORATOR. Complete in one body.
2—BADGER SINGLE EFFECT EVAPORATORS.
9—COIL-TYPE VACUUM PANS: (Complete with Condensers, Catch-alls, etc.)
2—ANDERSON NO. 3 MOISTURE EXPELLERS.
3—ROTARY STEAM DRYERS, with Trunnions.

CONDENSERS
Bronze Tube Sheets, Copper Tubes, Copper or Steel Shells Ranging in Size from 100 to 1,000 Sq. Ft. of Surface.

FITTINGS AND VALVES:
All Sizes, Types—Reconditioned
Write for Complete List

ORELAND EQUIPMENT CO.
P.O. BOX "E", ORELAND, PENNA.

SPECIALS

Pfaudler G. L. Tank, 600 Gals.
Shriver Wd. P.&F. Filter Press, 24".
Sperry Wd. P.&F. Filter Press, 42".
A. O. Smith 500 Gal. Jack. & Ag. Autoclave.
"Buflovak" Vac. Drum Dryer, 24"x20".
"Buflovak" Vac. Drum Dryer, 48"x40".
Two Truck Dryer, 7' W. x 6' D. x 6' H.
Kiefer No. 2 Rotary Gear Visco Filler.
Copper Jack. Kettle, 1,000 Gals.
Valles Rotary Filter, 957 Sq. Ft.
Abbe No. 3 Silex Lined Mill, 300 Gals.

MACHINERY & EQUIPMENT CORPORATION (of N. Y.)
533 West Broadway New York 12, N. Y.

HORIZONTAL TANKS IN STOCK

6—25,000 gal., 10'6" x 40' in Michigan
17,500 gal., 10 x 30 at Picher, Okla.
15,000 gal., 8 x 36 at Lockport, N. Y.
2—12,000 gal., 10 x 20 at Ripley, N. Y.*
15,000 gal., 10 x 25 at Dauphin, Pa.*
3—6880 gal., R. R. Car Tanks in N. J.
*Marked Tanks Have Steel Stands

L. M. STANHOPE
304 Conestoga Road Wayne, Penn.

UNION Rebuilt Machinery Established 1913

IN STOCK . . READY FOR IMMEDIATE DELIVERY!
ALL OFFERINGS SUBJECT PRIOR SALE!
Wire Collect for Prices and Details!

Just secured
KNAPP ADJUSTABLE CAN LABELING MACHINE

2—Mikro Pulverizers equipped with 50 H.P. motors.
2—Karl Kiefer Rotary Viscol type Filling Machines.
1—Abbe 4' diameter Pebble Mill.
National Equipment 100-gallon latest style Colony Homogenizer with stainless steel two stage head.
1—Huhn Steam Dryer.
1—Elgin 24 Spout Rotary Vacuum Filling Machine.
1—Colton Ossilating Granulator.
2—Galvanized tilting type Percolators, 200-gallon capacity.
1—World Fully Automatic Labeling Machine.
1—Filler four Plunger Filling Machine.
1—J. H. Day No. 2 Double Arm, heavy duty, motor driven.
1—Ermold and 1 World Semi-Automatic Labeling Machines.
2—Day 3 roll Roller Mills 16" x 40" horizontal type with roller bearings, direct motor drive.
2—Kent 3-roll Roller Mills, 16" x 40" horizontal type motor drive.

WE PAY CASH FOR SINGLE MACHINES OR ENTIRE PLANTS

Union Standard Equipment Co.
318-322 Lafayette Street
New York 12, N. Y.

FOR SALE

STAINLESS STEEL TANKS—new—(100 and 200 gal., dished bottoms).
STEAM JACKETED STEEL TANKS—some with agitators—25 gal. to 2,250 gal.
COPPER TANK with agitator and coil, 66" dia. x 7'.
INVINCIBLE POWER Vertical Barrel Filling & Packing Machine.
COPPER EVAPORATOR with Stokes Condenser.
COPPER COATING PAN, 66" dia.
TANK, 8' dia. x 30', made of ⅛" plate—dished ends.
STEAM and ELECTRIC PUMPS—AIR COMPRESSORS.
2 ELECTRIC VACUUM PUMPS.
KNY-SCHEERER STERILIZER, 7'1½" long, 30" wide, 42" high, mounted on truck with Steam Boiler.
DEVINE JACKETED COOKER, 36 x 36, with heavy cover.
DAY MIXERS.
STERILIZERS or PRESSURE COOKERS—new—18" x 18" on steel legs, with gasoline burner, clamp-down cover, safety valve and gauge—$75.00 each.

H. LOEB & SON
4603 LANCASTER AVENUE, PHILADELPHIA 31, PA.

Botanical Drugs

—Continued from page 56

Coriander.—Sources usually supplying spot stocks of this article are reported preparing to approach the Office of Price Administration with a request for rise in price ceiling sufficient to allow them to buy at present replacement costs in the primary market.

Cumin.—A higher ceiling is to be sought, one which will permit local importers to replace in foreign markets and still sell at a fair spot profit.

Fenugreek.—Primary market and spot ceilings are so far apart that importers are about ready to petition OPA for a rise in the price ceiling.

Poppy.—Unless a higher price ceiling be allowed by OPA when importers file their request for such a rise, stocks of this article on spot are likely to remain exhausted.

Sesame.—Total absence of spot stocks is laid at the door of ceiling prices, which at present are too low as compared with primary market prices. A higher ceiling is to be requested of OPA.

Spices

Ginger.—Calicut was cheaper at 26½c. to 27c. per pound. Jamaica No. 1 was shaded to 28c. to 28½c. per pound, and the No. 2 was at least quoted lower at 23½c. to 24c.

Paprika.—Adverse crop conditions were reported in the Spanish and Portuguese primary markets. This caused higher spot prices. Good Chilean was up to 27c. to 27½c. per pound; Portuguese, choice, 39c. to 39½c.; extra fancy, 38c. to 38½c.; good, 35½c. to 36c.

Pepper.—Black pepper has begun to flow into grinding channels at the new price ceiling of 10c. per pound, medium or whole. Ground is minimum at 12c. The largest holder has appointed a large and prominent dealer to act as a clearing house for distribution. Plans for such distribution include:—(1) The distribution is to be through brokers; (2) distribution is only to grinders; (3) distribution is to be in strict accord with the grinders' permissible War Food Administration allocation; (4) price will be the ceiling in accordance with quantity involved; (5) terms will be net cash, ex store, New York, plus certain moderate handling charges and a 1 percent brokerage; and (6) no export distribution for the present.

Pimento.—Spot quotations were a shade lower at 21½c. to 22c. per pound, though the recession may be shortlived, according to the trade.

Markets at Other Centers

Los Angeles, Oct. 18.—The botanical drug and spice market remains steady, with light trade reported this past week. Current prices quoted f.o.b. Los Angeles:—

Calendula.—Flowers at $2 per pound, with supply very limited.

Marjoram, French Type.—Dried and clean form quoted at 50c. per pound in limited supplies.

Sage, Dalmatian Type.—Guaranteed to contain less than 12 percent stems named at 85c. per pound for small lots. Leucophyllia quoted at 55c. for small lots.

Savory, French Type.—Quoted at $1.10 per pound in small lots.

Sweet Basil.—Named at $1.25 in dried form.

Thyme, French Type.—Dried and clean form named at 80c. for small lots.

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Recent Imports

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ACENAPLTHENE—34 cs, Ciba Co
ACID CRESYLIC—1,000 dms
ASBESTOS—4,046 bgs, 409,600 lbs, United States Commercial Co
BLOOD, DRIED—1,629 bgs, 162,900 lbs
BONES, REJECT—35 bgs, 3,500 lbs, International Commercial Co
34 bgs, 3,500 lbs, Armour & Co
BRISTLES—2 cs, Robert Schwarz Bristle Corp
HOG—5 cs, Philip Noel & Co
4 cs, Royal Bank of Canada
2 cs, Central Hanover Bank & Trust Co
5 cs, Sterling National Bank
2 cs, J Henry Schroeder Banking Corp
2 cs, F H Cone & Co
3 cs, S Hirshenhorn Co
390 cs
CAFFEINE ANHYD—15 bbls, Lo Curto & Funk
CASEIN—316 bgs, Wm Diehl & Co
1,000 bgs, American British Chemical Supply, Inc
500 bgs, F H Paul & Stein Bros
1,900 bgs, International Corp
CHILLIES—188 bgs, McKesson & Robbins
CINNAMON—360 bls, 36,000 lbs, Volkart Bros
190 bls, 19,000 lbs, C T Wilson & Co
100 bls, 10,000 lbs, H W Winter
200 bls, 20,000 lbs, Kennedy, Butcher & Co
100 bls, 10,000 lbs, Catz American Co
500 bls, 50,000 lbs
CLOVES—25 bls, J M Pinto & J S Toledano
COCOA BEANS—1,000 bgs, 200,000 lbs, Hershey Chocolate Co
1,000 bgs, 200,000 lbs, J Aron & Co
1,000 bgs, 200,000 lbs, W R Grace & Co
1,000 bgs, 200,000 lbs, Carl M Loeb, Rhoades & Co
1,000 bgs, 200,000 lbs, Kennedy, Butcher & Co
1,000 bgs, 200,000 lbs, Willard Hawes & Co
100 bgs, 20,000 lbs, H A Phillips & Co
100 bgs, 20,000 lbs, Cocoa Importing Co
RESIDUE—8,000 bgs, 1,362,000 lbs, Walter Baker & Co
13,333 bgs, 2,269,943 lbs, H J Baker & Bro
COCOABUTTER—73 cs, Westfeld Bros
39 cs, Schwabach & Co
93 cs, M Golodetz & Co
95 cs, A C Israel Commodities Co
39 cs, Willard Hawes & Co
5 cs, Ernest Adler & Co
18 cs, W R Grace & Co
80 cs, Woodward & Dickenson
COFFEE HUSK—13 bgs, Wolmet Raw Products Co
COTTONSEED MEAL—4,527 bgs, 452,700 lbs, United States Commercial Co
CRESOL—42 dms, Monsanto Chemical Co
10 kegs, Monsanto Chemical Co
DYES, ANILIN—40 kegs
FERTILIZER—10 bgs, Woburn Chemical Corp
FLUORSPAR—1,800 tons
GRAPHITE—400 bgs
GUM, COPAL—97 bgs, Stroock & Wittenberg
97 bgs, O G Innes Corp
65 bgs, France, Campbell & Darling
60 bgs, Guaranty Trust Co
36 bgs, E Miltenberg, Inc
PENDARE—15 bls, Wessel, Duval & Co
PERILLA—77 bgs, H A Astlett & Co
HAIR, HORSE TAIL—5 cs, Guaranty Trust Co
2 cs, F H Cone & Co
HONEY—100 bbls, J G Patton & Co
10 bbls, Miramar Trading Co
LIME JUICE—103 cks, Dalton Cooper, Inc
50 cs, India Supply Mission
Items listed here on October 16, other than 200 cases for India Supply Mission, should have been inserted under mace
MACE—2 cs, Royal Bank of Canada
1 cs, S L Jones & Co
6 cs, Dalton Cooper & Co
6 cs, Barclay Bank
2 cs, Victory Shipping Co
2 cs, Knickerbocker Mills Co
14 bgs, Catz American Co
2 bgs, C T Wilson & Co
5 bgs, Middleton & Co
3 cs, Thomas Scott & Co
9 bgs, Kennedy, Butcher & Co

Business Wants

—Continued from page 61

Positions Wanted

CHEMIST, PHARMACEUTICAL, 4 years' experience in analytical control, new product development of pharmaceuticals and plant problems; 5 years' experience in production supervision of pharmaceuticals and cosmetics. Desires responsible production or development position with smaller plant in New York area. Age 29, married, 4F. OPD 457.

CHEMICAL ENGINEER—Exceptionally successful record at developing new processes and in plant management. Synthetic organic chemicals field. Would like position with progressive concern as production manager or as plant manager of a small plant. OPD 468.

FACTORY PRODUCTION man seeks connection with paint manufacturer, partnership or salary profit-share arrangement; 15 years' experience in paint, lacquer and enamel production. Prefer small plant; other fields also welcome. OPD 470.

RESEARCH CHEMIST, Ph.D., specialist with very wide experience in animal glues, gelatin, liquid glue, resinous glue, casein glue, blood albumen, other adhesives, oils, fats, and pharmaceuticals. Own methods. Development manufacturing. OPD 471.

PLANT MANAGER—20 years' experience purchasing, cost, filling, bottling, labeling, writing inks, adhesives, stamp pads, furniture polishes, stamping and marking inks, floor waxes. Available metropolitan area. OPD 486.

Products Wanted

CHEMICAL PRODUCT wanted—Useful industrially or in medicine in volume and repeat. Respective users acceptance or equivalent established. Saleable to processors of packaged goods or converters in medium to high-priced field class. To be sold under own label, processed by the producer on cost plus or similar, leaving present sales undisturbed. For U.S.A. and foreign markets. Will contract for production and pay at base. Replies confidential; must give all pertinent facts. OPD 485.

MACE—The following items were incorrectly listed under lime juice in October 16 issue:—
120 bgs, C T Wilson & Co
10 cs, Dalton Cooper & Co
10 cs, S L Jones & Co
10 bgs, Thomas Scott & Co
15 bgs, Middleton & Co
20 bgs, Kennedy, Butcher & Co
MENTHOL—8 cs, McKesson & Robbins
3 cs, Vick Chemical Co
MICA—90 cs, United States Commercial Co
SPLITTINGS—1,300 cs, United States Commercial Co
NUTMEGS—2 bgs, Thomas Scott & Co
20 bgs, Otto Gerdau Co
9 bgs, D Hecht & Co
3 bgs, McClintock Stern Co
2 bgs, Atkin Kroll
10 bgs, H M Newhall & Co
6 bgs, A Schellings & Co
9 bgs, Catz American Co
4 bgs, Dodge & Olcott Co
6 bgs, Victory Shipping Co
NUX VOMICA—1,500 bgs, Volkart Bros
OIL, CASSIA—3 dms, Dodge & Olcott Co
CINNAMON LEAF—14 dms, R C Treatt Co
CITRONELLA—10 dms, P R Dreyer
COD—170 dms, Scandinavian Oil Co
CODLIVER—100 dms, Aristo Oil Product Co
510 dms, McKesson & Robbins
40 dms, Parke, Davis & Co
300 dms, Peter Devold Oil Co
1,000 dms, E R Squibb & Sons
PEPPERMINT—32 cs, Arnhold Export & Import Corp
PETITGRAIN—2 dms, Guaranty Trust Co
2 dms, Kennedy, Butcher & Co
SHARK—5 dms, Distillation Product, Inc
YLANG YLANG—6,600 lbs, J Manheimer
OX GALLS—8 tcs, Armour & Co
6 bbls, Maltbie Chemical Co
PAPAIN—159 cs, American Ferment Co
130 cs, C L Huisking & Co
10 cs, S B Penick & Co
PHOSPHATE ROCK—1,524 tons
POPPYSEED—1,068 bgs, Hoffman La Roche, Inc
PYRETHRUM FLOWERS—1,952 bls, United States Commercial Co
SQUILL, RED—1,666 bgs, 40 tons, United States Commercial Co
STEARIN, CODLIVER OIL—40 cks, Biological Raw Products Co
WATTLE BARK—7,542 bls, Barkey Importing Co
16,189 bls, Guaranty Trust Co
EXTRACT—19,000 bgs, Barkey Importing Co
WAX, BEES—16 bgs, Geck Trading Corp
3 bgs, General Import Distributors
8 blocks, Will & Baumer Candle Co
5 blocks, Innis, Speiden & Co
5 blocks, Luzzatto Corp
7 blocks, Koster Keunen Mfg Co

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